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62,61

1922

Seeds

from the
Flower
City

Thomas Laxton
Pea

Big Boston Lettuce

Stowell's Evergreen
Sweet Corn

Danver's Yellow
Globe Onion

John Baer Tomato

HART & VICK Rochester, N. Y.

Telling About This 1922 Seed Book

To Our Friends, Our Patrons, Old and New:

WE HAVE endeavored to make Our Book a real help to you in selecting varieties and planning your garden. Instead of a big, showy, expensive catalog that lists hundreds of varieties of vegetables and flowers, irrespective of value, with long, confusing descriptions for you to wade through, you will find in Your Seed and Plant Book only the best varieties for Your Garden. The value of every one of them has been proven.

What expense this small, condensed and convenient Seed Book has saved us has gone into the quality and generous quantity of seed in our Packets. Our rule is to fill orders liberally. We include presents of new or specially good varieties in proportion to the size of the order to encourage and keep our garden friends interested.

The seeds, plants, shrubs, roses, and trees we sell you are of the finest strains obtainable. Those varieties we do not produce ourselves are grown for us by the best American and foreign specialists—experts in the growing of certain kinds of vegetables and flowers. We sell only the highest grade of seed. Your seeds for the garden are of the same fine strain that we furnish the man who grows for market under glass. Please remember what we have said about quality. You must plant the finest seeds you can get to grow the best flowers and vegetables.

Now, about carefully filling your order and getting it to you when you want it. This is just as important to you as planting the best varieties and the highest quality seed. Our experience, personal attention, and modern equipment make careful filling and prompt shipment of your order positively certain. We have combined these three things: Best varieties, highest quality, prompt shipments. All are necessary for the greatest success in your field or garden. Let us prove it to you this season.

TERMS TO CUSTOMERS AND DIRECTIONS FOR ORDERING

Terms. Cash with order or one-third the amount with the order, balance before shipment.

How to Send Money. At our risk, by express or post office money order, draft, personal certified check, or registered letter. When money order cannot be obtained, letters containing currency should be registered.

Free Delivery Offer. We deliver, postpaid, to any post office in the United States, vegetable and flower seeds in packets, ounces, half pounds and pounds, except as noted in this catalog. Bulk seeds, heavy plants, shrubs, roses, fruit bushes, and trees are sent by express or freight, except as otherwise noted. To customers not living near an express office, small fruit plants, roses, bulbs, roots, shrubs and hardy plants will be sent by Parcel Post at an additional cost, which you must add to the value of each order for these items, as follows:

To all points west of the Mississippi River, 20 per cent extra.

To all points east of the Mississippi River, 10 per cent extra.

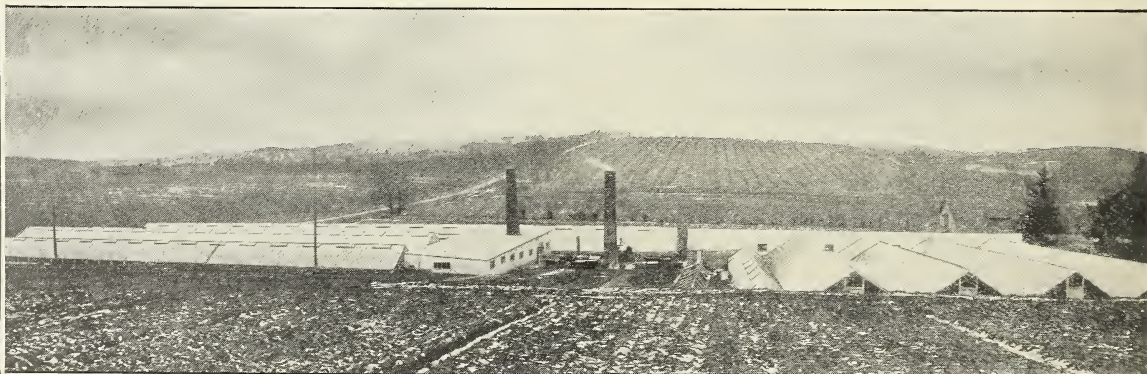
Packing. We make no charge for boxing or packing, except on orders of one bushel or more of seed, when 30 cents

should be added for cost of seamless 2-bushel sack. This will be refunded on return of the bag.

Order Early. We can give better service on orders sent in before the spring rush. Orders for seeds are filled at once. Plants, shrubs, trees, etc., are sent when all danger of their freezing is past, or, in our judgment, at proper planting season, unless otherwise advised by you.

Safe Arrival. We guarantee safe arrival of seeds, plants, trees, shrubs, etc., sent by mail and express, to all points within the United States. Claims for damages must be made on receipt of goods.

We Guarantee our seeds, plants and trees to grow under favorable circumstances. Since there are so many conditions upon which the crop depends, we give no warranty, expressed or implied, as to description, quality, or productiveness, and we will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once and money refunded. The success of our business depends upon our being able to please you and make your planting a success. We will do our part by sending you the very best stock that can be grown.



"Hillside Farm" Greenhouses where we grow our Perennial Plants, Roses and Shrubs. Here are located our trial grounds where new varieties are grown so that their value may be determined before we offer them to our Customers.

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Strawberry Rhubarb Almost Left Out

We came near forgetting to put our Famous Strawberry Rhubarb in this Seed Book and this is the only place we have left for it. If you have not already tried it here is a good description of it: An early, very juicy, tender, largestalked Rhubarb, red clear through, never tough or stringy. Strawberry Rhubarb may be had the entire year. Cut stalks of young Rhubarb into small pieces and put into fruit jars, cover with water and seal tightly. It will keep all winter. Large, 2-year roots, 25c each, 2 for 40c, \$1.50 for 10. Add 2c a root for postage.

GETTING THE MOST FROM YOUR GARDEN

Many people think early spring the only time to plant. For certain early varieties and a few which require a long season, this is true, but for the great majority of kinds "succession" sowings may be made throughout the entire summer and early fall and your garden be made a furnish fresh vegetables for your table the entire season. It is much better to sow late where vegetables are wanted for canning, drying and storing, as late maturing crops keep longer.

The list below will tell you what vegetables may be planted in "succession"; the last date safe to sow, and the number of days from sowing until a crop may be gathered. Dates given are for the vicinity of Rochester, but may be easily arranged to fit your locality and climate.

Sowing and Planting Table for Vegetables

	Seeds, 50-ft. Row	Time of Planting	Ready for Use		Seeds, 50-ft. Row	Time of Planting	Ready for Use
Beans, Bush	1 pt.	May-Aug.	45-80 days	Melon, Water	1/2 oz.	May-June	100-125 days
Beans, Pole	1/4 pt.	May-June	50-75 days	Onion	1/2 oz.	April-May	120-160 days
Beans, Lima	1/4 pt.	May-June	70-100 days	Parsley	1/2 oz.	April-June	90-125 days
Beets	1 oz.	April-Aug.	60-70 days	Parsnips	1/4 oz.	April-May	100-150 days
Cabbage, Early	35 plants	Mar.-April	90-125 days	Peas, Dwarf or Tall	1 pt.	Mar.-July	50-80 days
Cabbage, Late	25 plants	May-June	90-130 days	Peppers	25 plants	May-June	100-150 days
Carrot	1/2 oz.	April-June	60-85 days	Potatoes	1/2 pk.	April-June	70-120 days
Cauliflower	25 plants	April-June	100-140 days	Pumpkin	1/4 oz.	May-July	100-125 days
Celery	1/4 oz.	May-June	125-150 days	Radish	1/4 oz.	Mar.-Sept.	25-50 days
Chard, Swiss	1/4 oz.	April-May	60-80 days	Salsify	3/4 oz.	April-May	120-170 days
Corn	1/2 pt.	May-July	60-100 days	Spinach	1/2 oz.	Mar.-April	60-80 days
Cucumber	1/4 oz.	May-June	60-80 days	Squash, Bush	1/2 oz.	April-June	50-60 days
Endive	1/2 oz.	April-June	75-100 days	Squash, Running	1/4 oz.	April-June	70-100 days
Lettuce	1/4 oz.	Mar.-Sept.	60-100 days	Tomato	25 plants	Mar.-May	100-140 days
Melon, Musk	1/4 oz.	May-June	90-120 days	Turnip	1/4 oz.	April-July	60-80 days

Special Vegetables for Your Garden

Our Double Yield Golden Bantam Sweet Corn

At last we are able to offer you this, best of all Golden and Yellow Sweet Corns ever introduced, in a strain of seed that will grow two and three ears to the stalk when the old Golden Bantam grew but one. It's taken years to work up to this Double Yield Strain, but it's well worth all the time and effort that has been put into it. We have at last a Sweet Corn that has everything an ideal Garden Corn should have,—earliness, deliciously sweet flavor, wonderful quality, and abundant yield. No one could ask for more in any garden vegetable. Double Yield Golden Bantam Sweet Corn has them all.

Pkt. 10c, $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 60c. (Add 6 cts. per lb. if to be sent by Parcel Post.)

Tender and Delicious Scotia String Beans

If you grow this kind in your garden once you will never want to be without them. They are the most tender and delicious "String Beans" you can grow and away ahead of any other pole variety. If you have never tried them and found out how rich, melting and buttery flavored they are you have a great treat coming to you. The pods are long, round, straight and entirely stringless, and of the very highest quality. Plant a few hills of Scotia; they will bear during August and September when the earlier bush beans are gone and supply your table and canning wants. Scotia is a pole Bean.

Pkt. 10c, $\frac{1}{2}$ lb. 30c, 1 lb. 50, 2 lbs. 85c. (Add 6 cts. per lb. if sent Parcel Post.)

A Big-Hearted Lettuce Called "Wonderful"

A lettuce that forms perfect heads measuring from 12 to 15 inches across and frequently weighing 2 to 3 lbs. each. It is growing in popularity as a Home Garden Lettuce in all parts of the country, especially in the South, for it withstands the heat extremely well. The rich, dark green outer leaves tightly overlap, resembling Cabbage, while the large heart blanches up beautifully and is crisp, tender and of a superb rich quality. You can depend on Wonderful; it's a mighty good Head Lettuce. See page 12. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 45c

Our Deltus Cucumber for the Garden

If you raise your own Cucumbers in your garden we wish you would try, this year, our New Variety we call "Deltus." We believe you will find it better than any kind you have ever grown. It's very long, 9 to 10 inches, uniform in diameter its entire length, has blunt ends and a very dark green skin. The flesh is solid, crisp, sweet and tender, with but very few seeds. "Deltus" originated right here in Irondequoit and is adding daily to its fame as the best forcing or out-door Cucumber that can be grown. Packet 10c, enough for 15 hills; $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.75.

Have You Tried Chinese Cabbage?

Cut into quarters and boiled with a meat or alone its mild, rich flavor and tenderness put it far ahead of Cabbage. Sliced thinly and served cold with a cream dressing, it makes a most appetizing cold slaw. Served with broiled sliced bacon and a hot meat gravy poured over it and it is very good. Boiled, fried, baked with cheese, any way you have a mind to cook or serve Chinese Cabbage you will find it delicious. There won't be any tough outside leaves to it, for it's practically all heart, tender, crisp and juicy. It's very easily grown. Sow the seed in July in rows 15 inches apart and thin the same as Lettuce. We have tried all varieties of Chinese Cabbage and there are none that can equal this variety we offer. Pkt. 10c, $\frac{1}{2}$ oz. 20c, oz. 35c, $\frac{1}{4}$ lb. \$1.00.



Our Chinese Cabbage seed grows solid heads of crisp, white leaves

New and Specially Good Garden Flowers

A New Dwarf Snapdragon from Europe Called "Beauty"

A Tom Thumb variety of Antirrhinum or Snapdragon, as it is called, that comes to us from a noted European Flower Seed Specialist. This Snapdragon only grows about 9 inches in height and produces a wealth of flower spikes bearing blooms of a glowing carmine-rose. Its brilliant color and dwarf, bushy habit will make "Beauty" a mighty popular plant for beds and especially so for borders. If you have the facilities, try growing it in pots for house blooming.

Special European Packet, 25 cts.; 2 pkts. 40 cts.

"Exquisite"—A New Hollyhock

The flowers of this splendid new Hollyhock, which will, no doubt, create widespread interest, are very large, measuring 4 to 5 inches across, and possess the charming new feature that every petal, both around the circumference and in the center, is exquisitely curled and fringed to an extent that immediately arrests the gaze of the beholder. The flowers are extremely double, resembling the large double fringed Petunia. Each white margined petal is adorned with a large blotch. The mixture which we offer for the first time includes Rose, Light Rose, Carmine, Violet and Dark Purple. Packet, each, 25c; 2 pkts. 40c.

A New Double Gypsophila "Snow White"

A serious drawback to the usefulness of the popular Double Perennial Gypsophila has hitherto been that it is not really a pure white. After a number of years of selection this strain is introduced whose flowers are absolutely pure white and produces a larger percentage of double flowers than the old Hardy Gypsophila. This is a valuable addition to your perennials. Sow seed this summer for next season's bloom.

In Originator's sealed packet, 25c; 2 pkts. for 40c.

"Royal Bouquet"

A New Specially Good Verbena

If you have ever grown Verbenas yourself or have seen them growing in some friend's garden, you have thought, what a gorgeous bed these brilliantly colored flowers would make if they only grew on strong, upright plants instead of having their carpet-like creeping habit. This "Royal Bouquet" Verbena we are importing from Europe this year has this upright growing habit. It forms a plant 15 to 18 inches high and not more than 10 inches across and holds its giant, brightly colored blossoms perfectly erect. It is a great addition to bedding plants and will attract much attention in any garden.

All color mixture in original packets, 25 cts. each
2 pkts. for 40 cts.

"American Legion"

Shirley Poppy of Dazzling Scarlet

This new single Shirley with its orange-scarlet flowers of enormous size, borne on long, stout stems, is a great addition to this class of flowers. The plants being very erect and robust growing, make it ideal for planting in clumps among the evergreens or in the shrubby border. It is, of course, of American origin and a very good novelty. Packet, 20 c. 2 pkts. for 35c.

American Beauty Asters

Novelities of 1921-1922

Last season we introduced a new race of Asters called American Beauty, that was welcomed by both amateurs and professional growers as the best late Aster ever grown. This year we offer as a novelty and new introduction this same wonderful Aster in an early kind. One that will begin blooming in July and continue until frost. The flowers of these two new Asters are mammoth in size, measuring 4 to 5 inches across, and made up of layer upon layer of incurved petals, forming perfectly double flowers that show no yellow centers. The value of the American Beauties, however, is not confined to the wonderful blooms alone. The giant stems of this Aster, 18 to 24 inches long that are strong and sturdy and hold the exquisite flowers high above the plant, deserve an equal share in the glory this Aster has deservedly won in the single year it has been out. Save a place in your garden for these American Beauties. They deserve all the room you can give them.

Early American Beauty Asters—Our 1922 Novelty

Rose—Purple—Pink—All Colors Mixed

Each kind 20c a Packet—One Packet of each Color
(3 Pkts.), 50c

Late American Beauty Asters—Our 1921 Novelty

Shell-Pink—Rose—Lavender—Purple—All Colors Mixed

Each Kind 15c a Packet—One Packet of each Color
(4 Pkts.), 50c

A New Double Crested Cosmos that Blooms from July to Frost

At last we are able to offer you a real Double Crested Cosmos that will bloom early enough for even our most northern gardens. This "Daybreak" Cosmos, as we call it, will bloom in 70 days from the time the seed is sown and will continue to bloom until frost cuts it down. The plants grow about 3 feet high, forming a perfect bush massed with these beautifully crested flowers in pink, white and crimson. Sow seed of "Daybreak" early in the spring and you will have a gorgeous display in your garden and cut-flowers for your table the entire season. "Daybreak" comes in a mixture of colors. Packet, 20c.; 2 pkts. 35c.

Climbing American Beauty

Not a New Rose But a Mighty Good One

This wonderful Rose is called the Climbing American Beauty on account of its hardiness and unusually strong-growing qualities, and also to distinguish it from the old American Beauty. It should not be classed among the old-fashioned climbers or ramblers, as it is distinct from them. Although Climbing American Beauty is generally grown trained to trellises and porches, where it makes a wonderful display, it is unequalled as a pillar rose and grows magnificently in bush form.

No lover of roses should fail to plant this variety, as it is a worthy ornament to any garden, and its beauty and fragrance will prove a lasting pleasure.

The Roses grow on single stems, measure three to four inches in diameter, and have the same exquisite fragrance as the old American Beauty. One plant of this Rose will produce twenty times as many blooms in June as the old variety, besides blooming during the balance of the summer. Over nine hundred blossoms and buds have been counted on one four-year-old bush. See picture on page 43.

Strong field-grown plants, 75c each; \$7.50 a dozen

SEEDS OF HOME-GARDEN VEGETABLES

The same high quality seed goes into our packets as we furnish the Florist and Market Gardener



Vick's Mammoth Asparagus

CRESS

$\frac{1}{4}$ ounce will sow 50 feet
Fine Curled or Pepper Grass. Sow thickly every two weeks to have fresh plants, in rows 1 foot apart. Makes a very tasty salad. Pkt. 10c, oz. 20c.

True Water Cress. This popular salad plant will grow on upland and reseed and multiply wherever the roots and stems are constantly under water. Sow seed broadcast. Pkt. 10c, $\frac{1}{2}$ oz. 40c, oz. 75c.

DANDELION

Sow seed in good loam, drills 1 foot apart; thin or transplant to 12 inches apart in rows.
Improved Thick-Leaved. Pkt. 10c, oz. 80c.

BORECOLE or KALE

One ounce will sow 200 feet
Used principally for greens and for garnishing. Hardier than cabbage and is improved by frost. Sow seed from May to June, and cultivate same as cabbage. For early spring use sow in September, and protect during winter.
Dwarf Green Curled. Leaves yellowish green, compact, and finely curled. Pkt. 10c, oz. 25c.

ARTICHOKE

A perennial producing flower buds which are used for food the second year after sowing the seed. Require winter protection in the North. Sow seeds early in the spring. If sown in hotbeds in February can be grown to bud in the first year. Large Green Globe. The standard variety. Packet 10c, oz. 70c.

ASPARAGUS

One ounce will sow 100 feet; 5 pounds to the acre

For garden culture sow seed an inch deep in drills 6 inches apart; thin the plants to about 3 inches apart. When plants are a year old, transplant to permanent beds or field, in rows 3 feet apart, and 2 feet in the row.

All varieties, packet 10c, oz. 20c

Vick's Mammoth. (See cut.) The biggest and best variety on the market; stalks an inch and a half thick, but tender. Our seed is absolutely true, fresh and clean.

Palmetto. Early, quite large, tender and of good flavor.

Columbian Mammoth White. One of the late introductions. Large size; grows well under ordinary conditions.

Strong Two-Year-Old Asparagus Roots

Vick's Mammoth, 45c for 25, 85c for 50, \$1.50 for 100 \$12 per 1,000. Palmetto. 45c for 25, 85c for 50, \$1.50 per 100, \$12 per 1,000.

Add 10c for 50, or 15c for 100 when to be sent by Parcel Post; larger quantities by express, collect.

BRUSSELS SPROUTS

One ounce will sow 200 feet and produce 3,000 plants

The small heads, resembling cabbage, are formed along the stalk. Prepare like cabbage or in cream, like cauliflower. Sow seed in spring; transplant and cultivate same as cabbage, except leaves should be broken down in fall, giving heads more room to grow.

Paris Market. Half dwarf; very fine, good-sized heads. Pkt. 10c, oz. 50c.

CHICORY

One ounce to 100 feet of drill
Witloof or French Endive (See cut.) Sow seed in spring in open ground, $\frac{1}{2}$ deep, in rows 18 inches apart; thin to 6 inches apart. Allow plants to grow until November. Take up roots and trim off leaves to about 1 $\frac{1}{2}$ inches from the neck. Plant roots in trench 1 $\frac{1}{2}$ inches apart and cover with 8 inches of fine soil. Here they produce an abundance of blanched leaves which make a splendid winter salad or can be cooked as greens. Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.20.

Large-Rooted or Long Magdeburg. Extra-large, long roots. The young leaves make an excellent salad, while the dried roots may be used as a substitute for coffee. Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.20, lb. \$4.

CORN SALAD

A small, quick-growing salad plant for late fall, winter and spring. A substitute for lettuce and spinach. Sow in early spring for fall; in August for spring use. Mulch during winter. Pkt. 10c, oz. 20c.



Witloof Chicory—French Endive

GARDEN BEANS

A very popular and worthy home-garden vegetable which gives quick results after planting—Beans on the table in six weeks. Sow in spring and early summer, in warm soil, in rows 2 feet apart, seed few inches apart in row, or in hills, 6 to 8 inches apart, 3 or 4 beans to a hill. Cultivate often. Inoculate your seed beans with Farmogerm. It will increase the yield and help make your bean crop a success.

To have fresh beans on your table all summer long, see Vegetable Planting Table, Page 1.

Packets of all varieties of Beans 10 cents

Beans by Parcel Post add to price as follows: East of Mississippi River, ½ lb., add 3c; 1 lb., add 6c. West of Mississippi, ½ lb., add 5c; 1 lb., add 10c.

WAX-PODDED BUSH BEANS

Prices—½ lb. 20c, lb. 35c, 2 lbs. 60c, 15 lbs. \$3.00

Webber Wax. Earliest of Wax varieties. Pods long, flat, good quality. The first in the market.

Stringless Refugee Wax. We believe this leads all other wax bush beans in quality. You can have long, thick, round, light yellow beans that are absolutely stringless, fresh from your garden, for a long season.

Improved Rustless Golden Wax. This is a hardy, productive and early wax bean that is a great garden favorite. A very vigorous grower, bearing quantities of oval shaped, flat, yellow, stringless pods 5 inches long and of very good quality.

Currie's Rustproof Black Wax. Grown by market gardeners and truckers. Hardy, vigorous, productive, long, flat wax pods, tender and of good quality.

Sure-Crop Stringless Wax. (See picture.) You can pick tender, stringless beans from plants of Sure-Crop for a very long season. It is a thick-stemmed, medium-sized grower that holds its pods up from the ground and protects them from dampness and dirt. A hardy variety bearing large, handsome, golden-yellow pods in great abundance. Sure-Crop can be planted early and is more rust-proof than other kinds.

Burpee's New Kidney Wax. Long, flat, yellow pods of fine quality. Early and productive.

Wardwell's Kidney Wax. A very popular market gardener's variety bearing long, flat pods, stringless and brittle.

Davis White Wax. The well-known market variety. A hardy, productive, middle season Bean. Long pods, light yellow and attractive. Beans white, excellent for baking.

Prolific Wax, Black-Seeded. A productive strain of Black Wax of fine quality. Extensively used for snaps for home-garden and market. Long bearing season.

GREEN-PODDED BUSH BEANS

Prices—½ lb. 20c, lb. 35c, 2 lbs. 60c, 15 lbs. \$3.00

Keeney's Stringless Refugee. This kind should be in every garden. It is a large grower, producing quantities of long, green, brittle, stringless pods that remain tender and of splendid quality until nearly ready to shell.

Bountiful. A fine quality, early, long flat-podded, stringless Bean that is a heavy bearer.

Improved Stringless Green Pod. A very desirable, dwarf, green podded variety for the home-garden and for market. Plants are large and vigorous holding the long, round pods well up from the ground. Pods remain crisp and tender a long time.

Dwarf Horticultural. One of the best early dwarf garden varieties for green Shell Beans and can be used early as a green Snap Bean. Beans very large.

BUSH LIMA BEANS

½ lb. 25c, lb. 40c, 2 lbs. 75c

Fordhook Bush Lima. Hardy, strong, erect-growing, bearing an abundance of mammoth, thick pods containing four or five large, luscious Beans of exceptionally fine quality. A popular market and home-garden Bean, as it matures early and continues bearing until frost.

Burpee's Bush Lima.—(Early Wonder Strain) This improved strain is earlier and bears larger crops of big, flat beans of fine quality than the old original variety. Very early and prolific.

POLE LIMA BEANS

½ lb. 25c, lb. 40c, 2 lbs. 75c

Extra-Early Jersey Lima. Early, vigorous grower; bearing large pods of beans of good quality.

Seibert's Early Lima. Early; vines vigorous and productive; pods are large and filled with Beans of the finest quality.

Early Leviathan Lima. Long pods, containing 4 to 5 long Beans, flat in shape, good size and excellent quality. The Beans are white and may be shelled from the pod with ease.

POLE OR RUNNING BEANS

½ lb. 20c, lb. 35c, 2 lbs. 60

Kentucky Wonder or Old Homestead. The best early green-podded Pole Bean for home- or market-garden. Vigorous and productive. Pods 9 to 10 inches long, of fine quality.

Early Golden Cluster Wax. One of the best wax-podded Snap Beans for the garden. Hardy, strong-growing, productive vines, bearing clusters of 7- and 8-inch pods of fine quality; which remain in good condition for table use a long time.

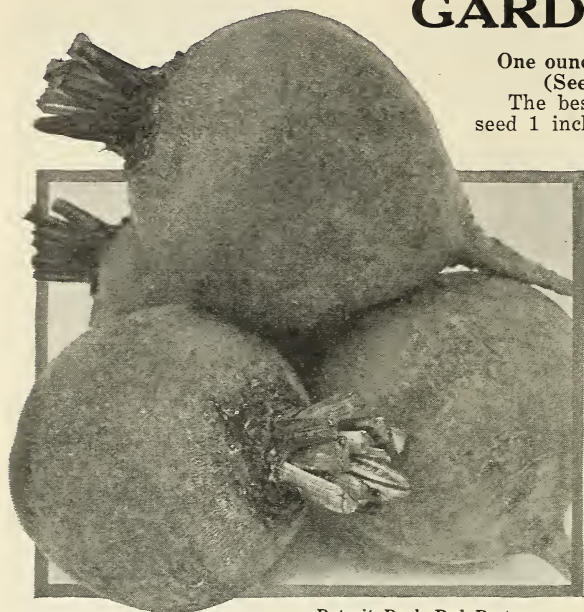
Scarlet Runner. Brilliant scarlet flowers; extremely ornamental. Pods fair size; good as a Snap Bean.

London Horticultural or Speckled Cranberry. One of the best late green Shell Beans for home and market.



Sure-Crop Stringless Wax

GARDEN AND FARM BEETS



Detroit Dark Red Beets
The most popular and best canning beet grown

One ounce of seed will sow 50 feet of drill; 5 to 6 pounds per acre (See Sowing and Planting Table for Vegetables, page 1)
The best results are obtained on a deep, rich, sandy loam. Sow seed 1 inch deep, in drills 16 inches apart, as early as possible. If wanted very early, sow Detroit Dark Red and Crosby's Egyptian in hotbeds and transplant to open ground. Thin to stand 3 or 4 inches apart. Cultivate cleanly and thoroughly. For succession, sow at intervals until middle of July.

Prices, pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.60, postpaid

Detroit Dark Red Beet

The most popular and best canning Beet grown. As a second-early variety, we recommend it for the home and market garden. Our special strain is more uniform in shape and color than the old Detroit Dark Red. The tops and tap-roots are small and the leaves dark green, shaded red. The Beets are round, smooth, and very dark red in skin and flesh. In tenderness and sweetness they are unsurpassed. Fine for canning.

Crosby's Egyptian, H. & V. Select Strain. Our special strain of this popular variety is better in many respects than the old one. Globular in shape, perfectly smooth, has a short top, small tap-root, and both skin and flesh are dark in color. Much earlier than all other dark-fleshed varieties. The very best early Beet for home or market garden.

Rochester, or Crimson Globe. A fancy home-garden Beet, small in size, handsome dark red in color, smooth and uniformly round in shape. Flesh red, tender, and high quality.

Early Wonder. For those who want the very earliest Beet, this variety should be planted. The tops are medium short and the Beet is round with skin and flesh lighter color than Detroit.

SUGAR BEETS

Oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25, prepaid

Giant Feeding Sugar Beet, or Half-Sugar Mangel. Desirable for stock-feeding not only being a very large cropper and much easier to harvest than other varieties, but also having higher nutritive value, being especially rich in sugar. This long, ovoid Mangel, growing partly out of the ground, can be harvested and stored more cheaply than any other root-crop.

Wanzleben. Large, heavy roots, containing a high percentage of sugar; a heavy yielder and easy to dig.

MANGEL-WURZEL

Oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 85c, postpaid

Also called Mangel; Cattle and Field Beet. May be grown in almost any soil, but deep loams are necessary for heavy yields of the long varieties. Sow 6 lbs. to the acre, in May or June, in rows 2 feet apart and thin to 9 inches. Give the crop good cultivation.

GOLDEN GIANT. LONG RED. GOLDEN TANKARD.

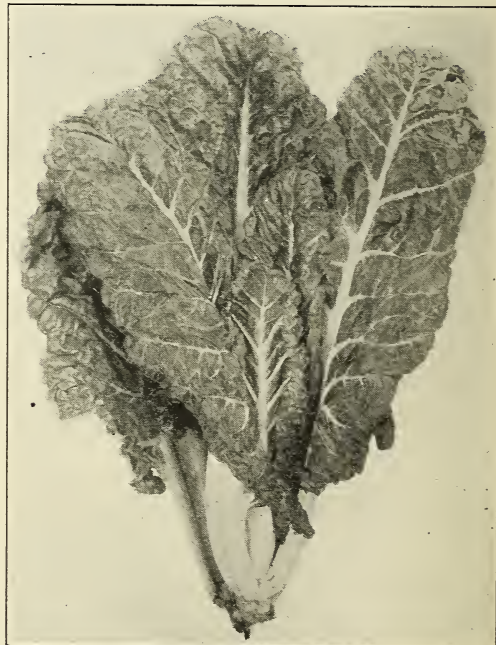
SWISS CHARD or SPINACH BEET

Have Swiss Chard all summer. See Planting Table, Page 1

Giant Lucullus. (See cut.) A vegetable of many fine qualities not well known in the home garden, but which should be more widely planted. Grown exclusively for the numerous, fleshy, tender leaves and leaf stalks, which, for use as greens are superior to those of other Beets. Later in the season the wax-like leaf-stems are cooked like asparagus or are pickled. Seed planted early in the spring will produce plants from which cuttings may be made all summer, as you can cut right down to the ground, and new shoots will spring up and make a fast growth. Every garden should have a few rows of this desirable vegetable. Make sowings every 10 days and have greens all season long. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Large-Ribbed Silver Brazilian. Light colored leaves in great abundance. Mild flavor. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Canajoharie, N. Y., April 21, 1921.
Hart & Vick, Rochester, N. Y.:
Dear Sirs:—The order received and I just could not omit telling you that everything was perfect and packing the best I ever saw.
R. C. HALL, Canajoharie, N. Y.



Giant Lucullus Swiss Chard



A Field of Danish Ballhead Cabbage Grown from Our Seed by C. R. White of Ionia, N. Y.

CABBAGE

Sow 1 ounce for 3,000 plants; 4 ounces for an acre

The seed we offer is absolutely new stock from the best professional growers. A heavy, moist, rich loam, thoroughly cultivated, highly manured and worked deep is most suitable to Cabbage. Early Cabbage should be started under glass in March, and transplanted 24 inches apart in rows 2 feet apart as soon as ground outside can be prepared.

For late plants, sow in drills in open ground in May; transplant in July. Protect against insects by dusting.

Early Varieties

Early Jersey Wakefield. This fine variety is the earliest and surest heading of first-early Cabbage for home and market garden. A hardy, compact, erect grower, with few outer leaves, which permits close planting, short stem; medium-sized, solid, pointed, uniform heads of the fine quality. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.25.

Copenhagen Market. Our strain of this fine variety comes to us direct from its originator. It is the most popular early, round-headed Cabbage among home and market gardeners. Plants vigorous, with short stems. Heads large, solid, light green, round, and of excellent quality. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

Second Early Varieties

Early Summer. A large, solid, flat-headed Cabbage with few outer leaves, permitting close planting. A good keeper. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.25.

Glory of Enkhuizen. A large, solid, round-headed Cabbage of vigorous growth and fine quality. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.25.

Succession. A sure-heading, large, deep, firm, short-stemmed Cabbage of high quality. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25.

All Seasons. One of the most desirable Cabbages for kraut. Sure-heading, large, smooth, round, and very solid. Remains a long time in condition for use. Pkt. 10c, ½ oz. 30c, oz. 45c, ¼ lb. \$1.25.

All Head Early. Largest heading, second early, very solid, withstands hot, dry weather. Good keeper. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.25.

Perfection Drumhead Savoy

The best of the main-crop and late Savoy for the home or market garden. Outer leaves are large, thick, fleshy and densely crumpled. Heads large, round, sweet, and tender. Pkt. 10c, ½ oz. 30c, oz. 45c, ¼ lb. \$1.50.

Late Varieties

Surehead. A most reliable, main crop, sure-heading, hardy, late Cabbage, for northern latitudes. Used largely for the late home market and for shipping. Heads large, broad, thick, somewhat flattened, compact, solid, and of fine quality. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25.

Danish Ballhead. Our stock is fresh, direct from its originator in Denmark. There is no finer strain of Danish Ballhead. It is a

sure-heading, solid, good quality, long-keeping Cabbage, desirable for distant markets and for late spring use. A hardy, vigorous sort that resists cold and stands dry weather well. Heads are round, exceptionally solid, with short stems. Cabbage grown from our special strain of this variety runs larger and more uniform than from most other stocks. Pkt. 10c, ½ oz. 30c, oz. 45c, ¼ lb. \$1.25.

Red Varieties

Earliest Round Red. Heads large, solid, handsome, dark red in color and of delicious flavor. Planted in April, the heads are ready for use in July. Pkt. 10c, ½ oz. 50c.

Mammoth Rock Red. The largest and surest heading Red Cabbage. Heads round and remarkably solid. Much used for cold-slaw and pickling. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

Chinese or Celery Cabbage

Do not confuse our Chinese Cabbage with the ordinary kind offered for sale. As in other vegetables, there are many varieties of Chinese Cabbage, or Pe Tsai, as it is sometimes called. Some are loose-leaf growing, like Cos lettuce, others form heads like cabbage, head lettuce, celery, etc. To determine which variety was the best for both the home garden and market, Robert Smallridge, one of Irondequoit's leading gardeners, made thorough tests of each kind. These showed one variety to be far superior to all others. Its long, oval shaped, eight and nine pound perfectly formed heads were solidly packed with cream white, tender, crisp and delicious leaves. Creamed like cauliflower, celery or ordinary cabbage it is delicious. For salads and cold slaw it cannot be beaten. You should have some in your garden. Be sure and sow Paoting, not ordinary Chinese Cabbage, which is called Pe Tsai. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50. Pictured on page 2.

KOHL RABI

(Turnip-Rooted Cabbage)

One ounce of seed will sow about 300 feet of drill. The edible part is the bulb, which grows a few inches above the ground. Sow seed early in spring, in rows 1½ feet apart, and thin to 4 inches. Pkt. 10c, oz. 25c, ¼ lb. 75c.

Early White Vienna. Standard for all purposes, market, table, or forcing. The flesh is white, tender, and has a greenish white skin.

Early Purple Vienna. Skin bluish purple, flesh white and very good flavor.

GARDEN AND FARM CARROTS

One ounce will sow 100 feet of drill; about 3 pounds for an acre

Any good land, thoroughly worked, will produce a satisfactory crop of Carrots. Sow as early in spring as possible, though good crops may be grown from seed sown as late as the middle of June. For table use, sow smaller kinds early, in rows 16 inches apart; for field-growing, in drills, 18 to 24 inches apart. Cover $\frac{1}{2}$ to 1 inch deep and press soil down firmly above seed. Thin 2 to 6 inches apart, according to variety. We pride ourselves on the quality of our Carrot seed. No better strain is to be had in our Chantenay Stump-rooted, Danvers Half-long, and our Half-long Nantes Scarlet.

Early French Forcing. For those who want a very early fancy, tender, round, sweet Carrot for forcing or for early growing outside, Early French Forcing cannot be equaled. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

Half-Long Coreless Nantes, H. & V. Special Strain. A popular, half-long, short-topped, early variety, very popular in home and market gardens. A smooth, bright orange, cylinder-shaped Carrot whose flesh is orange, center yellow, and very tender throughout. Quality very fine. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Chantenay, Stump-Rooted, H. & V. Special Strain. (See cut.) A medium early, half-long, smooth, thick, slightly tapered variety. One of the best in quality for the home and market garden. Chas. H. Ward of Sodus, N. Y., says: "One of the most uniform in shape I ever grew." Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Guerande, or Oxheart. A good variety on soils too hard and stiff for the longer-rooted kinds. It is 4 to 5 inches long, very thick, ending in a small tap-root. Bright orange, fine-grained, and sweet. When young are desirable for table use; when mature for stock feeding. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Danvers Half-Long, H. & V. Special Strain. A wonderfully productive, second-early Carrot for the home garden and for field-culture. Adapts itself to all classes of soil. A deep orange, tender Carrot of good quality, 6 to 8 inches long, with a blunt point. Has yielded 25 to 30 tons to the acre. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Improved Long Orange. This late Carrot is very large, often 12 inches in length, 3 inches thick at crown, and tapering to a point. Very productive and, while most valuable for feeding stock, it is also good for table use when young. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Large White Belgian. Used for feeding cattle. Roots grow partly above ground. A heavy-yielding thick Carrot which should be harvested before frost. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

You will find on Page 2 of this Book a list of specially good kinds of Garden Vegetables. We particularly call your attention to our Double Yield Strain of Golden Bantam Sweet Corn.

Chantenay Stump-Rooted Carrot

CAULIFLOWER

For early Cauliflower, sow seed under glass in January or February and transplant to coldframes, 2 or 3 inches apart each way. Set in open ground early in the spring in rich, warm, moist loam. Water freely in dry weather, especially when plants are heading. For main crop, sow seed in June; set out young plants the latter part of July. After heads have begun to form, draw leaves over and tie to protect from the sun and to keep them white. Cut while heads are compact and firm. Protect from insects by dusting or spraying with tobacco dust or kerosene emulsion.

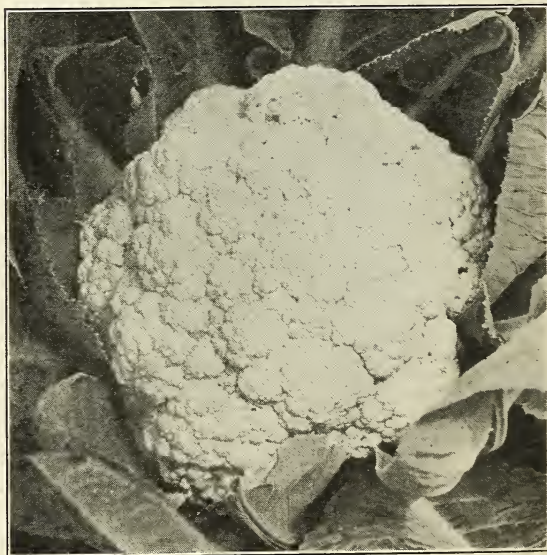
One ounce of seed will produce about 2,000 plants if sown in the open ground, 3,000 plants if sown in frames.

Early Snowball. An extremely early, dwarf variety, most desirable for the home garden. Admirably adapted for forcing or wintering over for early crop; also one of the best for late summer or fall crop. Wells Dodds of North Rose, N. Y., when placing his order for cauliflower seed for this year says: "Your Early Snowball is by far the best cauliflower I ever raised." Pkt. 15c, $\frac{1}{4}$ oz. 75c, $\frac{1}{2}$ oz. \$1.25.

Extra-Early Dwarf Erfurt. Medium-early; gives excellent results in home and market gardens. Similar in most respects to early Snowball. Pkt. 15c, $\frac{1}{4}$ oz. 75c, $\frac{1}{2}$ oz. \$1.25.

Dry Weather or Danish Giant. This fine variety is especially adapted for growing in sections subjected to long, dry seasons and will produce large, solid, pure white heads of delicious flavor in spite of lack of moisture. Pkt. 20c, $\frac{1}{4}$ oz. 85c, $\frac{1}{2}$ oz. \$1.50.

Large Late Algiers. Late, sure to head, of excellent quality and popular with market gardeners. Pkt. 10c, $\frac{1}{4}$ oz. 45c, $\frac{1}{2}$ oz. 80c.



Early Snowball Cauliflower

CELERY

One ounce of celery seed will produce about 7,000 plants

Celery seed is very slow in germinating and should be sown in March in flats under glass and kept moist. When plants are 2 inches high, thin out and transplant to stand 3 inches apart each way. When 5 inches high, set out, 6 inches apart, in trenches 6 inches deep. Cut off outer leaves and press soil firmly about roots. Cultivate thoroughly. When full grown, blanch by mounding gradually with earth or by pressing stems together by boards on both sides of row. For winter storage, take up the plants with roots and place upright on wet soil in a dark cellar or root-house, packing closely.

Golden Self-Blanching—Grown for us in France by the originator of this famous and popular variety and tried and tested by us before we offered it for sale. Dell Titus is one of Irondequoit's market gardeners that grew our celery last year and has placed his order for this season.

The standard, early, dwarf Celery. Our Special Strain is a very rapid grower, suited for either early or late planting. Excellent for the home garden. Its self-blanching qualities, color, crispness, tenderness, freedom from stringiness and fine nutty flavor make it a very popular and superior celery. Pkt. 10c, ½ oz. 60c, oz. \$1.00 ¼ lb. \$3.50.

Easy Blanching. A new celery resembling Golden Self-Blanching, but the leaves are green and stalks blanch white instead of yellow. Stalks of same form and heavy heart as the Golden and blanch very quickly. A very fine celery for fall and winter use. It keeps well, has fine quality, is crisp, solid and stringless. Pkt. 10c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50.

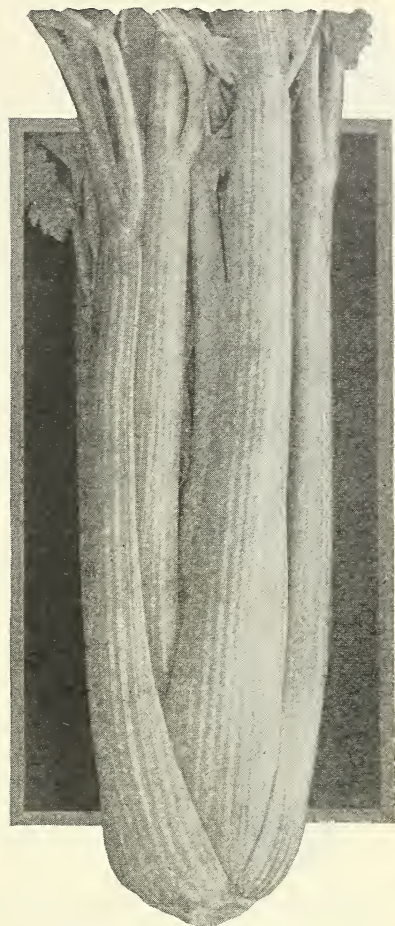
Rose-Ribbed Paris Self-Blanching. A medium early Celery that when blanched is a beautiful rose-pink. Crisp, tender, and of fine flavor. Try this variety in your garden. You will say it is the best Celery you have ever eaten. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25.

Columbia. A second-early, green Celery of fine quality, popular with home and market gardeners. It is extensively grown for shipment. A heavy, stocky plant, blanching light golden yellow, crisp, and tender. We recommend this for the home and market. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

White Plume. A very attractive variety. Leaves light green, shading nearly white at tips. Easily blanched. Pkt. 10c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00.

Improved Golden Heart. A late variety, one of the best for winter storage. Outer stems clear white, with golden yellow heart, easily blanched. Pkt. 10c, oz. 30c, ¼ lb. 85c.

Giant Pascal. A green-leaved Celery very fine for winter use for home garden and market. Blanching a yellow white, is very solid, crisp, and tender. Pkt. 10c, oz. 30c, ¼ lb. \$1.00.



Paris Golden Self-Blanching Celery

French's Success. The best keeping Celery yet introduced. Will stay all winter in perfect condition. Compact short-stemmed growth, may be well earthed up for blanching while growing close together. Heart large and solid, blanches almost white, brittle, stringless, high quality. Pkt. 10c, ½ oz. 35c, oz. 60c, ¼ lb. \$1.75.

Winter Queen. A robust, stocky, easily blanched late Celery, with little foliage and big heart. It keeps well in winter and is worthy of first place for late Celery in your garden. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.25.

Celeriac or Turnip-Rooted Celery

Large Smooth Prague. The standard variety for market and home garden. Pkt. 10c, ½ oz. 15c, oz. 25c, ¼ lb. 85c.

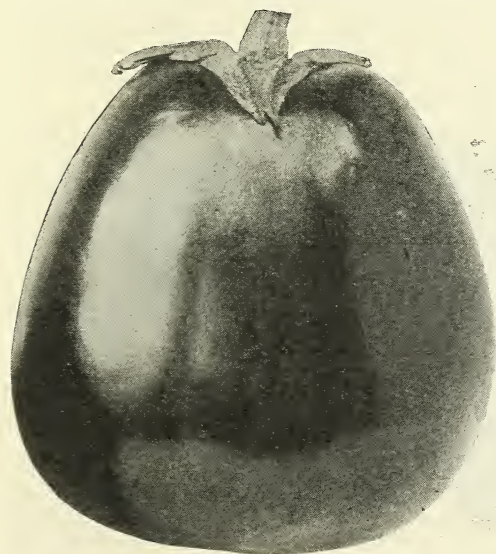
EGGPLANT

One ounce will produce about 1,500 plants

Start seed under glass early in March and bring plants to a good size as rapidly as possible. Transplant when 3 inches high to 4 inches apart. As soon as weather is warm, set out in open ground, about 3 feet apart each way. Spray for beetle with arsenate of lead or Pyrox. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.75.

Black Beauty. An extra-early, strong-growing, productive variety. The fruits are large, purple black, entirely spineless, and of high quality. Holds its color a long time and is a desirable market variety.

Improved New York Purple. A very productive variety, popular in both home and market gardens. Plants produce six to eight large, spineless, dark purple, oval fruits, very high quality.



Improved New York Purple Eggplant

SWEET CORN

Did you ever eat an ear of Sweet Corn that was picked within an hour of being cooked and served, corn whose tenderness, juiciness and flavor made you wish you could always have it equally as good? This is what this page and every page in this Book is for, to show you how, even in the smallest garden, you can raise your own vegetables, and by selecting varieties that follow each other, have them fresh for your table from early summer until after frost. Consult the Sowing and Planting table on page one,—it will tell you when to sow and how to keep your garden working.

Sweet Corn can be raised on any good, ordinary soil that is thoroughly worked. Plant six kernels to the hill, which should be about 3 feet apart each way, covering seed with about 1 inch of soil firmly pressed down. Thin out to three plants in a hill. To grow in rows plant kernels 12 inches apart in rows 3 feet apart and 12 inches apart in the row. For succession, plant every two weeks up to July 15th.

All Sweet Corn except Shempp's 60-Day—Pkt. 10c, ½ lb. 20c, lb. 35c, 2 lbs. 60.

Sweet Corn by Parcel Post. To all points east of the Mississippi River, add 6 cents per lb. To points west, add 10 cents per lb.

Hart & Vick's Double-Yield Golden Bantam

Twice as many ears of the same famous flavor

The finest corn of all for all seasons, and our special strain of this most famous yellow Sweet Corn is, we believe, away ahead of any other offered. Not only has it the wonderful richness, sweetness and tenderness that make this variety so popular, but to these we have added the qualities of a larger and better filled ear and a much greater yield. In this strain you have the ideal Sweet Corn for the home garden or market. All who know Golden Bantam will appreciate these qualities we have added to it. If you have only a small garden, grow just Golden Bantam in it and sow it in succession so you can have it on your table all season long.

Shempp's 60-Day, The Earliest Sweet Corn

This earliest of all sweet corn, introduced by us last year, has proven its value for the market or in the garden, where a very early white corn is wanted. It has the extreme earliness, quality and good size of ear that makes it a great addition to the sweet corns for the market gardener. We believe this variety will supersede all extra early white sweet corns now on the market. ½ lb. 30c, 1 lb. 50c, 2 lbs. 80c.

Whipple's Early. A very fine, new, very early Sweet Corn with ears 7 and 7 inches long, filled with pure white, tender, sweet, juicy and very delicious kernels. This is a very early, white Sweet Corn that deserves a place in every garden.

Mammoth White Cory. This is one of the best early white Sweet Corns for home and market gardens. Each stalk bears two large, handsome ears with 12 rows of very white, tender, sweet kernels of good quality.

Country Gentleman. A fine main-crop variety, much used for home garden, market and canning. The ears are 7 to 9 inches long, covered with irregular rows of long, slender, white kernels of excellent quality. One of the best of the later varieties.

Stowell's Evergreen (see picture on cover). Grown for us in Monroe County. The standard main-crop Sweet Corn for the home garden or for the market. Ears are very large and filled to the tips. The sweet kernels are pure white, affording a ready sale. Remains fresh and edible longer than any other variety.

POP CORN. Pkt. 10c, ½ lb. 25c, lb. 40c—White Rice Black Beauty.

ENDIVE

One ounce of seed to 300 feet of row

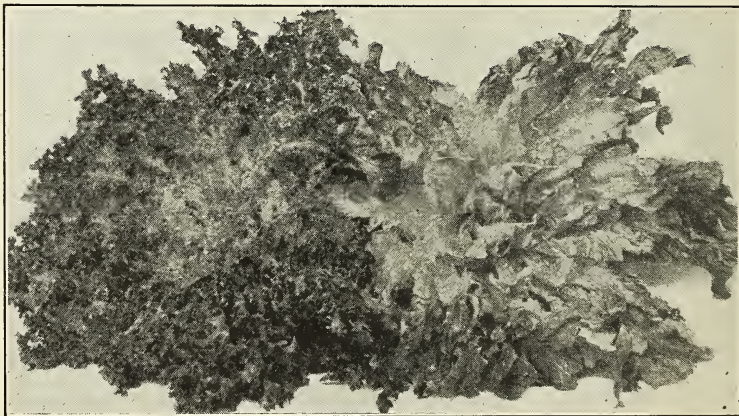
One of the best salads for fall and winter use, for garnishing and for flavoring soups and stews. Sow in shallow drills, 15 inches apart; thin plants to one foot apart. For early use, sow in April; for late use, in June or July. When nearly full grown, tie outer leaves together over center to blanch heart of plant. By covering fresh plants every few days, a succession may be kept up.

Pkt. 10c, oz. 15c, ¼ lb. 45c, lb. \$1.50

Broad-Leaved Batavian. Broad, twisted and waved, bright, deep green leaves with thick, nearly white midribs. The inner leaves form a fairly solid clustering head which blanches to a beautiful white; crisp and tender. Unsurpassed for salads.

Moss Curled. Compact-growing plants, forming large, dense clusters of moss-green leaves which when blanched are creamy white, crisp and tender.

Large Green Curled. A good market- and home-garden Endive. Very hardy and vigorous. Much used for salads.

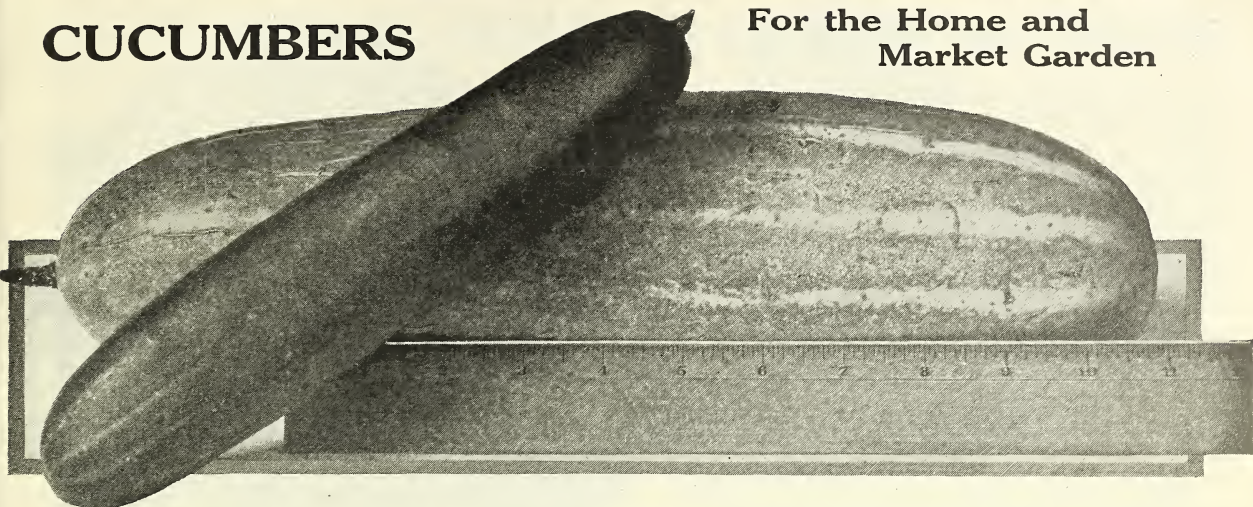


Moss Curled and Broad-leaved Batavian Endive



CUCUMBERS

For the Home and
Market Garden



The larger Cucumber is Deltus, grown and selected for our seed by Mr. Titus, its originator. The smaller fruit is Deltus ready for the table and market. This shows some of the good points of Deltus, its uniform diameter its entire length, its blunt ends and its dark green color. It's a great Cucumber—try it this year.

Cucumbers should be raised in every home-garden. They can be grown to perfection with ordinary care. Plant seed when danger from frost is over, an inch deep in hills, 4 to 6 feet apart each way, dropping 8 to 10 seeds in a hill. One ounce of seed for 75 hills; 2 to 3 lbs. to the acre. When second set of leaves have formed, thin to four plants to a hill. Cultivate thoroughly until runners make this impossible. If plants are attacked by beetles, spray with Pyrox or arsenate of lead. Always wash fruits thoroughly before eating when these sprays are used. If foliage is attacked underneath, spray with Black-Leaf 40.

Deltus. This is the perfect Cucumber originated and perfected by Adelbert Titus of Irondequoit, N. Y., and for which we are sole distributors. During the three years we have offered "Deltus" it has been grown by gardeners in every part of the country with the greatest success. The same qualities of length, uniformity of diameter (see picture above), rich dark green color and blunt ends that cut the waste in slicing to a minimum, stay right with Deltus whether grown inside under glass, outside and given field culture, or in your own Home Garden. If you like cucumbers and want them on your table when they are at their best, fresh, crisp and juicy, plant a few hills of this perfect cucumber. We know you will find it all that we claim it is. When you have picked and eaten some Deltus write and tell us what you think of it.

Selected seed for Home Gardeners and large growers of out-door cucumbers taken from selected cucumbers grown from Special Greenhouse Grown Seed. Pkt., 10c, enough for 15 hills; ½ oz., 30c; oz. 50c; ¼ lb., \$1.75. Special Selected Greenhouse Grown Seed for forcing under glass. Pkt., 25c; ½ oz., 85c; ¼ oz., \$1.50; ½ oz., \$2.75; oz., \$5.00.

Japanese Climbing. This can be trained on a trellis or poles which make them ripen earlier, forming straight, handsome fruits 12 to 16 inches in length. Skin is smooth, dark green, turning to brown when ripe. Flesh is mild, crisp and pure white. Pkt., 10c; oz., 20c.

Early Fortune. A recent introduction and considered one of the best Cucumbers for market. Fruit is slightly tapering and about nine inches long. The firm, crisp, thick flesh is very white and has very few seeds. Early Fortune has a rich, dark green color which does not fade when shipped to distant markets. The vines are vigorous, very productive, and blight resisting. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Davis Perfect. This remarkably fine variety is suited for growing under glass as well as outdoors. The fruits are uniformly large, 10 to 12 inches, of good shape, dark green all over, and very smooth. Popular with the market-gardener. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Improved Early White Spine. An early, smooth, straight Cucumber of good size. Its color is dark green, seldom turning yellow. Valuable for forcing or outdoor planting. Pkt., 10c; oz., 15c; ¼ lb., 35c.

Chicago or Westerfield Pickling. A deep green, medium length, crisp Cucumber. Very prolific. Pkt., 10c; oz., 15c; ¼ lb., 40c.

Improved Long Green. A standard variety for slicing and largely used for pickling. The vines are vigorous and productive. The Cucumbers are long, slender, dark green, with warts and spines well distributed. Popular in the home- and market-garden. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Vick's Lemon. Entirely distinct in form and color from any other Cucumber. Fruits round, 3 to 4 inches in diameter, marked yellow and brown; flesh pure white. Best for table use when they begin to turn yellow. Those who have grown them pronounce them superior to other varieties in quality. Pkt., 10c; oz., 15c.

Hart & Vick:

Columbus, Ohio.

The Deltus Cucumber is earlier and bears longer than any other cucumber I have ever raised.

November 26, 1921.

F. H. HETZER, R. F. D. No. 7.

Hart & Vick:

Victoria, B. C.

We have been growing cucumbers more or less for some twenty years, and have tested many varieties during that time. Have now grown your Deltus for two seasons and can freely state that both in quantity and quality of crop produced it much exceeds any variety we have grown previously. We intend to stick to it as we do not expect to find a better one for our requirements.

November 15, 1921.

J. L. HILBORN & SON.

HART & VICK'S LETTUCE

For extra-early plants, sow seed in February or March in hot-beds; transplant to open ground in April. Lettuce, to be at its best, should grow rapidly. Soil should be made as rich as possible by fertilizing and thorough preparation. For main garden crop, sow seed outdoors in a warm spot in the garden, as early in spring as possible, in rows 18 inches apart. The way to raise good heads of lettuce is to thin them out when they are an inch high so they will stand 8 inches apart in the row. Fresh lettuce can be had all season by sowing seed at intervals of two weeks.

The same high quality Lettuce seed goes into our packets, ounces, etc., for home-garden patrons as we furnish the man who grows Lettuce by the acre.

Big Boston. Our Special Strain of this well-known market- and home-garden Lettuce is especially fine. It is of the same high quality which we furnish to big lettuce growers throughout the country. The plants are hardy, vigorous, sure heading, and stand a long time before seeding. The heads are large and very compact. When stripped of the outer leaves, they show creamy white, crisp, cool and tender. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 45c.

Golden Queen. Forms small compact heads of tender, white and sweet leaves a week or more earlier than any other kind. Valuable for early use and for forcing. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c.

Early May King, Special H. & V. Strain. A handsome, very early, compact-heading variety for the home- or market-garden. Heads are light green, tinged with brown. Inner leaves are rich golden yellow, crisp and tender. A very popular variety with the market-gardener and does exceptionally well when planted early in the home-garden. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 45c.

Crisp-as-Ice. A splendid Head Lettuce for family and home-market use. Heads are large, solid, and finely shaped. Heart is a rich creamy yellow, tender and brittle. It well deserves its name, "Crisp-as-Ice." Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 45c.

Salamander. One of the best midsummer varieties, resisting heat and drought and remaining in a heading condition longer than many others. Heads are large, of bright green color, and leaves can all be used, as they are brittle and tender. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 45c.

Iceberg. An unusually large, solid Head Lettuce. The white main ribs curve toward the center, keeping the interior thoroughly blanched. It is quick-growing and always crisp and tender, whether sown in early spring or in the hot days of summer. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c.

Improved Hanson. A reliable late summer Lettuce. Forms a large, compact head that remains in condition a long time. It is tender and very crisp. A good home-garden, late Lettuce whose popularity is steadily increasing. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 45c.

New York or Wonderful. Heads grow to an enormous size, very solid, often weighing 2 to 3 pounds. Quality is superb, crisp, rich and tender. A hot weather kind, fine for all seasons. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. \$1.00.

Loose Leaf Lettuce

Grand Rapids. A very popular variety with market-gardeners. It is of very quick growth, hardy, little liable to rot, and stays in condition several days after being ready to cut. A loose-leaved variety with bright



This is the kind you usually get at the store when you ask for Head Lettuce. Grand Rapids is the early loose-leaf variety. They are the best market kinds

green, crimped leaves that do not wilt quickly after cutting. A good shipper. Desirable for garnishing. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 45c.

Prizehead. A non-heading Lettuce that is excellent for the home-garden, and is very easily grown. Leaves are bright green, tinged with brown, crisp, tender, and sweet. Too tender to ship. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 45c.

Black-Seeded Simpson. This curly thin-leaved, loose-heading variety is one of the best for sowing outdoors where a tender leaf is desired. Leaves are extremely tender, ruffled, and of an attractive light yellowish green. It retains its excellent quality a long time. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 45c.

Cos or Romaine Lettuce

Differs from the ordinary Lettuce by its narrow spoon-shaped leaves. Served in hotels as "Romaine Salad." Sow seed early in spring, in rows 18 inches apart, covering $\frac{1}{2}$ inch deep; thin to 3 or 4 inches apart. Heads blanch better by having outer leaves drawn about them and tied. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c.

How to Grow Good Head Lettuce in Your Garden

Select the right varieties. For spring use May King, Golden Queen, Crisp-as-Ice or Iceberg. For early summer use Big Boston. For midsummer, Salamander and Wonderful. For fall, Improved Hanson. Transplant when 1 inch high to 8 inches apart, pinching back part of the root and soaking well with water when reset. Grow midsummer lettuce between rows of Beans or similar plants that will shade it and keep well watered. Feed once a week with liquid sheep manure. Treat once when half grown with liquid nitrate of soda (1 tablespoon to 12 quarts of water), soaking ground with water first and applying liquid nitrate to soil only.

MUSKMELON

One ounce of seed will plant about 80 hills; 2 to 3 pounds in drills to the acre

Plant after danger of frost is past, in rich, sandy loam if possible, in hills 6 feet apart each way, placing 6 to 8 seeds in a hill and covering with about an inch of fine soil firmly pressed down; thin to four plants to the hill. Cultivate frequently. When vines are 12 to 18 inches long, pinch tips to make them branch, and spray frequently with insecticides for striped beetle.

Irondequoit. A fine yellow-fleshed melon. Vines are hardy and very productive. Melons are large, excellently shaped, distinctly ribbed and netted. The flesh is solid, very thick, with very small seed cavity. Rich salmon-yellow, sweet, and of a most delicious flavor. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.25.

Emerald Gem. Flesh is deep salmon-yellow, thick, ripening close to the rind, juicy, melting, and highly flavored. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. \$1.50.

Rocky Ford. The melons are oval, slightly ribbed, and densely covered with fine netting. Flesh is green, very sweet, and highly flavored. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. \$1.50.

Paul Rose, or Petoskey. A yellow-fleshed melon, slightly ribbed and densely netted. Flesh orange-yellow, sweet, fine flavor and quality. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. \$1.50.

Honey Dew Melon. A variety distinct from other melons. Very large, with smooth skin, creamy white when ripe. The thick flesh is emerald-green, fine-grained, and of very sweet, sugary flavor. Rind thin but very firm and melons ship well. Ripens about two weeks later than Rocky Ford. Pkt. 10c, oz. 25c, ¼ lb. 55c, lb. \$1.75.

Bender's Surprise. An orange-fleshed, deliciously sweet, highly flavored melon, oval in shape, light green with coarse netting. A wonderful keeper and shipper. Very popular with and valuable to market-gardeners. Our strain of Bender is very fine. Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

Extra Early Knight. Extremely early, medium size, oblong, skin deep green, closely netted, ribbed, flesh thick, green blending to light pink near center, very sweet. Earliest high quality melon for the north. Good shipper. Pkt. 10c, oz. 25c, ¼ lb. 55c, lb. \$1.75.

LEEK

One ounce to 300 feet of drill

A good fall and winter substitute for green onions. Sow seed early in spring, in drills 1 foot apart and 1 inch deep. Thin plants to 6 inches apart in the row. Draw earth around them as they grow so that the neck is covered and will blanch.

Monstrous Carentan. Extra-large, with broad, spreading leaves; excellent quality. Pkt. 10c, oz. 25c, ¼ lb. 75c.

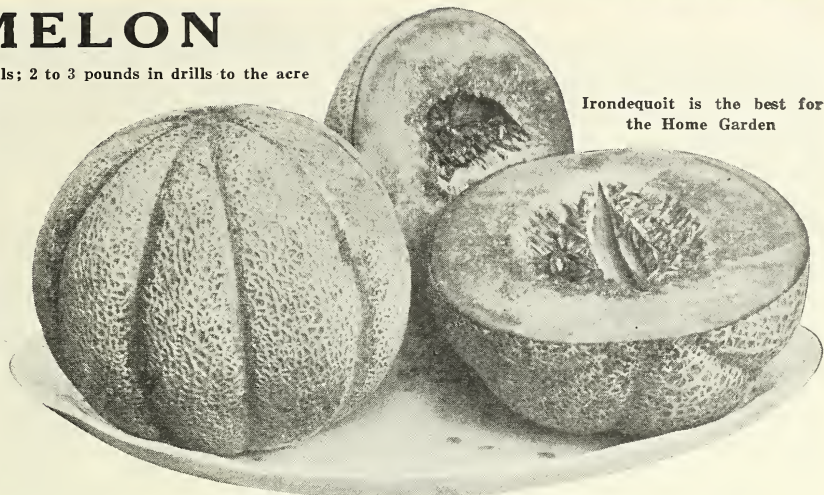
HORSE-RADISH

New Bohemian. Superior to the common variety. Roots only. 40c per doz., \$2.00 per 100.

MUSTARD

Ostrich Plume. Long foliage frilled like an ostrich plume. Better than other varieties for salads. Pkt. 10c, oz. 20c, ¼ lb. 50c.

Giant Southern Curled. A favorite in the South where it is grown for spring salads. Pkt. 10c, oz. 15c, ¼ lb. 50c.



Irondequoit is the best for the Home Garden

WATERMELON

One ounce for about 30 hills; 4 pounds to the acre. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.25

Cole's Early. An early home-garden melon; nearly round; thin rind. Deep red flesh of fine quality, sweet, juicy and delicious. Too tender to ship.

Kleckley Sweets. This variety ripens early and is considered by many the sweetest, juiciest, and most delicious of all. Skin is dark green, faintly striped. Flesh bright red, rich, crisp, and of fine flavor. A very fine oblong melon for the home-garden.

Sweetheart. A very productive, vigorous-growing sort. Melons are very large, oblong, flattened at the ends and very heavy. Flesh is bright red, firm, and sweet. Remains in good condition a long time after ripening.

McIvor's Sugar. A very productive, vigorous-growing sort. Melons are very large, oblong, flattened at the ends and very heavy. Flesh is bright red, firm, and sweet. Remains in good condition a long time after ripening.

CITRON FOR PRESERVES

Medium-sized fruits used for preserves and pickling. Ripens in the fall and can be kept in good condition a long time. Pkt. 10c.

MUSHROOM

Pure-Culture American Spawn. Any ordinary cellar not heated by a furnace, an old shed, under benches in the greenhouse are all ideal places to grow Mushrooms. It's easily done and there is no great amount of work to it. Why not start a bed this year? There is always a good market for Mushrooms. We send full directions for making the bed and growing Mushrooms with every Mushroom order. Bricks weigh 1½ lbs. each and will plant a bed of 8 square feet. 35c postpaid; 5 bricks \$1.10, 10 bricks \$1.85, not postpaid.

Hart & Vick: Lockport, N. Y.
Primula plants arrived in splendid condition and are very satisfactory. MRS. ALLAN N. MOORE.

Hart & Vick: East Bloomfield, N. Y.
I received tonight the seeds ordered a few days ago and thank you for your promptness. I have a good many Rochester people here in summer and they say, "where did you get the seed of those wonderful Zinnias?" I tell them Hart & Vick's in Rochester. My Pansies from your Special Mastodon Mixture were a perfect joy all summer long and until snow came. All the seeds I had of you were a complete success. MRS. FRANK MUNSON.



A field of Danvers Yellow Globe Onions grown from our seed by C. H. Ward & Co., Sodus, N. Y.

As early in the spring as possible sow seed in rich soil in rows 10 to 15 inches apart, covering $\frac{1}{2}$ inch deep and firming earth well down. When plants are well started, cultivate and weed. Thin to 1 inch apart in row as spring Onions are required for table. For very early crop sow seed in coldframe in February and transplant when large enough to handle. One ounce of seed for 200 feet of drill; 4 to 5 pounds to an acre.

Danvers Yellow Globe Onion

Our Special Strain of this well known and popular market- and home-garden Onion is very fine. The seed is selected from the finest types of the true globe-shaped bulb. Danvers Yellow Globe is extensively used as a main-crop yellow Onion for the home- and market-garden. It is fairly large in size, uniformly globe-shaped, with small neck, and ripens very evenly. Skin is rich coppery yellow. The creamy white flesh is crisp, mild, and excellently flavored. Keeps well and is excellent for shipping. Pictured in colors on the Front Cover. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.25.

Southport Yellow Globe. A hardy, productive variety, large and globe-shaped, rich yellow color; ripening evenly and keeping well. Flesh cream white with a mild, excellent flavor. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

Southport White Globe. A pure white Onion of enormous size. A good shipper and better keeper than most white sorts. Flesh is white, remarkably firm and solid. Very attractive when cooked. A very good white, main-crop, home-garden Onion. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.75.

Southport Red Globe. One of the handsomest and most richly colored of all red Onions. Very large and uniformly globe-shaped. Skin is smooth; flesh white, with tinge of purple. An excellent keeper. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. \$85c, lb. \$3.25.

Prizetaker. The largest of all Onions, often 15 to 18 inches in circumference. A very desirable fall and early winter variety. Skin is thin, bright straw-yellow; flesh pure white, crisp, mild, and sweet. Our strain of this variety is American-grown and we can recommend it to our friends and customers among the market- and home-garden growers. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

Large Red Wethersfield. This is the standard red variety for the home-garden and for market. Large, flat, yet quite thick Onions.

with deep purplish red skin. Flesh light purplish white, rather strong, but with pleasant flavor. Hardy; productive. A good keeper and very popular. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

White Portugal. If you like mild, tender, crisp, snow-white Spring Onions, that you can pull early in the spring or those small white Onions for pickling, this is a mighty good kind to plant. Gardeners use it also to grow Onions for sets. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 80c, lb. \$3.00.

Extra Early White Queen. This is another mighty good pickling Onion, for they mature when about the size of a cherry, are pure white, round and of very mild flavor. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 80c, lb. \$3.00.

Australian Brown. An extra long-keeping, sure-cropping, extra-early sort with reddish brown skin. Flesh white, crisp, sweet, mild flavor. Large and very heavy. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

Ailsa Craig. For eating raw this Onion has no superior. The flesh is pure white, very mild in flavor and always tender. It is used extensively in private gardens for ordinary use and for exhibition purposes. When transplanted they will grow very large. Pkt. 15c, oz. 45c, $\frac{1}{4}$ lb. \$1.40.

ONION SETS

One pound will plant 25 feet

Onion sets by Parcel Post add as follows: To points east of the Mississippi River, 10 cts. per quart; west of Mississippi, 20 cts. per quart.

English Multiplier. Lb. 30c, 4 lbs. \$1.00.

White Sets (Silverskin). Best for spring Onions. See description of White Portugal, under Onion Seed. Qt. (1 lb.) 30c, pk. (8 lbs.) \$1.60, bu. (32 lbs.) \$4.50.

Yellow Sets. These will produce large ripe Onions in July or August and good green Onions early. Qt. (1 lb.) 25c, pk. (8 lbs.) \$1.10, bu. (32 lbs.) \$3.90.

Egyptian, or Perennial Tree Onion. After you once plant these they will come up every year as soon as the frost is out of the ground and give you green bunching Onions earlier than other kinds. Plant these in August and September. Qt. (1 lb.) 25c, 4 qts. 80c.



PEPPERS

One ounce of seed for about 1,200 plants

Peppers are rapidly coming into popularity. They are used largely for seasoning meat and vegetable dishes, as well as for salads and mangoes; also used for making chow chow and chili sauce.

Culture same as for eggplant. Sow seed early in hotbed; transplant when all danger from frost is over into rows about 2 feet apart, plants 2 feet apart in the row. Cultivate and keep free from weeds.

Giant Prolific. A new variety of peppers, as large as Chinese Giant, and will out yield it 2 to 1. Early, sweet, thick fleshed and strong growing habits make this an ideal garden and market pepper. Pkt. 10c, ½ oz. 55c, oz. 95c, ¼ lb. \$3.25.

Chinese Giant. Very large, mild, bright scarlet, flesh thick and sweet pepper. A popular table variety for making "stuffed peppers" or "mangoes." Plant strong-growing and productive. Pkt. 10c, ½ oz. 45c, oz. 80c, ¼ lb. \$2.50.

Large Bell, or Bullnose. A bright crimson Pepper of large size, with a thick, mild flesh of excellent quality. It is early and ripens uniformly. Large Bell is used in salads and mangoes or stuffed peppers when green. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.75.

Ruby Giant. A very productive, early Pepper, popular with the market-gardener; at the head of the market varieties. Large in size, mild and sweet. Pkt. 10c, ½ oz. 45c, oz. 80c, ¼ lb. \$2.50.

Harris' Earliest. The earliest and most prolific sweet Pepper. Very large; mild, sweet; solid, bright red. Plants dwarf, compact, literally covered with fruit. An immense number of Peppers can be produced on a small amount of land. One of the very best for the home-garden. Pkt. 10c, ¼ oz. 35c, oz. \$1.00.

Sweet Mountain, or Mammoth. A popular variety much like Large Bell, except that it is larger. Flesh very thick and sweet. Pkt. 10c, ½ oz. 35c, oz. 60c, ¼ lb. \$2.00.

Pimento. One of the sweetest Peppers grown, and very popular as a table variety. Largely used for canning. The flesh is very solid, thick, very mild, and of excellent flavor. Fruits are deep green when young, becoming deep red as they mature. A good home-garden variety. Very productive. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

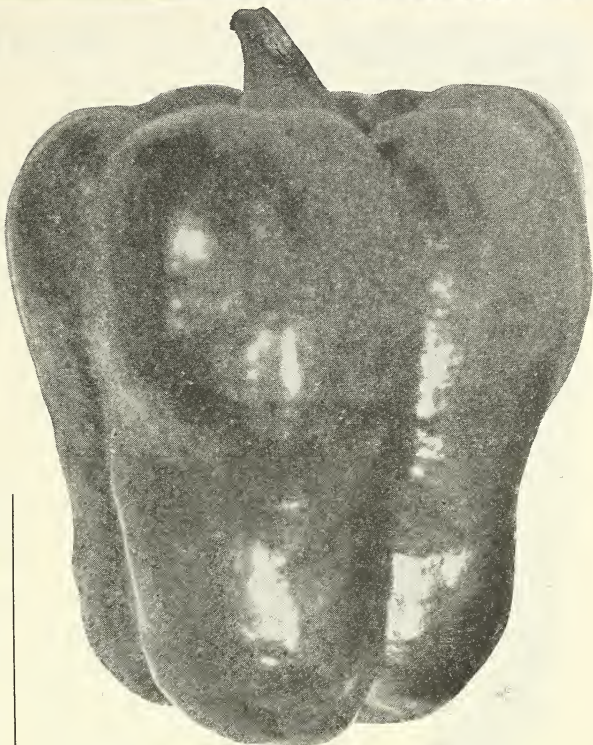
Long Red Cayenne. A long, pointed, twisted Pepper, deep green when young, bright red when ripe. The flesh is extremely strong. A late variety. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.65.

PARSNIPS

One ounce for 200 feet of drill; 4 to 5 pounds for an acre

Sow early, in drills 2 feet apart; cover ½ inch deep and press soil firmly. Thin to 8 inches apart in the row. Cultivate frequently.

Long Hollow-Crown. Standard for home- or market-garden. Long, smooth, white, tender, sugary and of excellent flavor. Uniform in size and shape. Pkt. 10c, oz. 15c, ¼ lb. 30c, lb. \$1.00.



Harris' Earliest Pepper Best for the Home Garden

You Can't Make a Good Garden from Poor Seeds

You will find in our Seed Packets and Ounces of Vegetable and Flower Seed of the same high quality that we furnish the Florist and the man who grows vegetables for market. The seed is fresh, has been tested for germination and will give you results you will be proud of in your garden.

PARSLEY

One ounce of seed for 150 feet of drill

Used for garnishing and seasoning soups and stews. Sow seed early in spring, in rows a foot apart, covering ½ inch deep with fine soil, well pressed down; thin plants to 8 inches apart in the row. The seed is slow in germinating. Frequent cutting of the leaves will greatly improve the new growth.

Pkt. 10c. oz. 15c, ¼ lb. 45c, lb. \$1.50

Extra Triple Curled. Pale green leaves, closely crimped and curled; dwarf and compact.

Champion Moss Curled. A vigorous sort, leaves dark green, very finely cut, crimped and curled. Good variety for home- and market garden.

Turnip-Rooted, or Hamburg. The roots, which are the edible part, are used for flavoring soups and stews; they resemble a small parsnip, both in color and shape. They can be cut late in the fall and stored in sand for winter use.

Plain-Leaved Parsley. Dark green, smooth leaves.



LONG HOLLOW-CROWN
PARSNIPS

GARDEN PEAS

Fresh, young, sweet Green Peas grown right in your own garden, cooked and served an hour or two after they have been picked, make one of our most delicious vegetables, that by a proper selection of varieties, will give you fresh Peas for your table for a long season. Here is a list of the kinds we would plant in our own garden for the best of the Green Peas. They are all "wrinkled" kinds, varieties that do not require picking at one time, but are sweet and tender until the last of them are gone: Thomas Laxton half dwarf, or Notts Excelsior dwarf, Laxtonian dwarf, Little Marvel dwarf, Telephone tall or Vick's Daisy dwarf, Champion of England, tall or Improved Stratgem dwarf. Sow these when your soil is fairly dry in April. You can plant them at the same time and they will crop in succession, or if you want to extend the season, sow each variety five days apart, beginning with the earliest, Thomas Laxton. By making a sowing of some late kinds like Improved Stratgem or Champion of England, three weeks after your first planting, the season can be extended still further. The very early, smooth peas can be sown while some frost is in the ground. They bear very early, but are not as sweet as the wrinkled kinds. Plant peas in trenches that are three or four inches deep and 2 feet apart, covering seed with an inch of soil. Tall varieties should be kept from trailing on the ground by supports. Use Farmogerm to inoculate your peas. You will have a much better yield. (See page 49.)

All Peas 10 cents per packet—One pint weighs one pound

PEAS BY PARCEL POST:—

East of Mississippi, add 6 cents per lb. West of Mississippi River, add 10 cents per lb.

Vick's Extra Early. Grows 2½ feet high. Earliest of first-early white smooth Peas, all maturing at same time and a single picking often secures the entire crop. Vigorous, hardy, very productive. Pods good size, containing 5 to 7 smooth Peas of good quality and flavor. ½ lb. 20c, lb. 35c, 2 lbs. 60c.

Alaska. Grows 2½ feet high. An extra-early, smooth, blue-podded, 3 inch long Pea; well filled with medium-sized bright green Peas of good flavor. Matures crop at one time. Valuable for market-gardener and canner. ½ lb. 20c, lb. 35c, 2 lbs. 60c.

Notts Excelsior

Thomas Laxton. Grows 3 feet high. A very early, wrinkled Pea of great merit. A good variety for the home- or market-garden. Large pods, well filled with big, dark green Peas of very superior quality. Vines vigorous, hardy, productive. ½ lb. 25c, lb. 40c, 2 lbs. 70c. Pictured in colors on Front Cover.

Gradus, or Prosperity. Grows 2 feet high. A very early, large-podded, wrinkled Pea. Pods are 4 to 4½ inches long, well-shaped, and very attractive. Peas of splendid quality, very large and retaining their light green color after cooking. ½ lb. 25c, lb. 45c, 2 lbs. 80c.

American Wonder. Grows 12 inches high. A very fine, dwarf, extra early, wrinkled variety, producing quantities of pods well filled with sweet, tender and well flavored Peas. ½ lb. 25c, lb. 45c, 2 lbs. 80c.

Sutton's Excelsior. A very fine, dwarf, early wrinkled Pea. Very hardy and can be planted early. Vine grows 18 inches high and bears quantities of dark green pods. ½ lb. 25c, lb. 45c, 2 lbs. 80c.

Nott's Excelsior. (See Cut.) The very best early dwarf wrinkled Pea and should be in every home-garden. Pods are medium in size. Peas for sweetness and quality cannot be surpassed. Vines hardy, productive. ½ lb. 25c, lb. 40c, 2 lbs. 70c.

Laxtonian. Grows 18 inches high. The largest podded of the dwarf varieties. Peas wrinkled, large, light green, and of good quality. Vines vigorous, productive. ½ lb. 25c, lb. 45c, 2 lbs. 80c.

Premium Gem. Grows 15 inches high. A very productive, early green, wrinkled dwarf variety, an improvement on Little Gem. The medium-sized pods are crowded with 6 to 8 large peas of fine quality. ½ lb. 25c, lb. 40c, 2 lbs. 70c.

Little Marvel. Grows 18 inches high. An excellent early dwarf wrinkled Pea for market- and home-garden. Will produce more Peas to the vine than any other variety. Peas are of very fine quality. ½ lb. 25c, lb. 45c, 2 lbs. 80c.

Telephone. Grows 4 feet high. A favorite for nearly forty years, and the standard main-crop variety. Pods are large, pointed, bright green, and filled with large, tender, sweet-flavored Peas of excellent quality. Vines are vigorous, and very productive. One of the best for home- and market-garden. ½ lb. 25c, lb. 45c, 2 lbs. 80c.

Long Island Mammoth, or Telegraph. Grows 4 feet high. A large podded, hardy, prolific variety. Profitable as a market pea but not of high quality. ½ lb. 25c, lb. 45c, 2 lbs. 80c.

Vick's Daisy. Grows 2 feet high. A second-early, wrinkled sort, bearing numbers of pods well filled with extra-large finely flavored Peas. ½ lb. 30c, lb. 50c, 2 lbs. 90c.

Improved Stratgem. Pods of immense size, filled with large, dark green Peas of very fine quality. Vines hardy, strong-growing, and very productive; 18 inches high. Known everywhere as one of the choicest mid-season Peas for all purposes. ½ lb. 25c, lb. 45c, 2 lbs. 80c.

Champion of England. Grows 4 feet high. A standard, productive main-crop sort, one of the best and richest-flavored of the late wrinkled Peas. One of the best late varieties for home-garden or market. ½ lb. 25c, lb. 40c, 2 lbs. 70c.

Melting Sugar. Grows 5 feet high. Pods are used when half-grown and cooked like snap beans. They are large, stringless, very tender, and finely flavored. ½ lb. 25c, lb. 45c, 2 lbs. 80c.

Black-Eyed Marrowfat. Strong growers, and will produce heavy crops even in unfavorable seasons. Most popular of old-time varieties for home- or market-gardens, and are prime favorites with canners. ½ lb. 20c, lb. 35c, 2 lbs. 60c.

Large White Marrowfat. ½ lb. 20c, lb. 35c, 2 lbs. 60c.

When you order your Peas, Beans and Sweet Peas, add to your list "Farmogerm" to inoculate them with. If your garden is your hobby, you will be delighted with their superior quality and far greater yield. Just mix "Farmogerm" with water and moisten the seed. Garden size bottle, 50c, 1 acre size, \$1.00.



HART & VICK'S RADISH

One ounce will sow about 100 feet of drill

This is another vegetable that loses about half its flavor if you don't eat it within a very short time after it is taken from the ground. Radishes wilt, like flowers and other vegetables and lose their fresh crispness and juicy delicate flavor. You can't know how really good radishes are if you haven't gone out in the garden in the early morning and pulled a few for your breakfast.

For forcing, sow in hotbed or under glass in rich sandy loam. Scatter 50 to 100 seeds to the foot and cover with $\frac{1}{2}$ inch of soil sifted on. Sow in garden, as early as possible, in rows about 12 inches apart and thin to prevent crowding. A good dressing of nitrate of soda will greatly help their growth and make them tender and crisp. Successive sowings every week or 10 days will keep your table well supplied the entire season. All varieties of Radish, pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50.

Vick's Early Scarlet Globe. Our Special Strain of this best Radish for the home and market garden is very fine. The seed is selected from bulbs of the true Scarlet Globe type. It is a strain we can recommend to both market and home garden growers. Vick's Scarlet Globe is the best all-round Radish on the market—best for forcing; best in the garden. Tops are very small. Bulbs of our Special Strain are uniformly true globe-shaped, rich scarlet; flesh pure white, crisp, tender, juicy and mild.

Early Scarlet Turnip White-Tip. An early, round, white-tipped, bright scarlet Radish. A favorite in the home garden. Flesh is white, crisp, juicy, and of high quality.

French Breakfast. An early, quick-growing, small, olive-shaped Radish. Color deep rose-scarlet, touched with pure white at tip. Excellent for growing outside or under glass.

Icicle. A very attractive, pure white Radish, the earliest of the long, white summer sorts, distinct in flavor, very mild and extremely tender. One of the most desirable varieties for outdoor summer planting for the home garden and market.

Long Brightest Scarlet White-Tipped. One of the brightest and handsomest scarlet Radishes. The roots are fit for use in about 25 days and continue in good condition until fully grown. The variety has small tops and can be used for forcing as well as for the open ground.

Fall and Winter Radish

These Radishes are not intended to be eaten as the spring sorts, but they should be sliced thin and salted down fully fifteen minutes before meal hour, when salt water is thrown off, and without further dressing are served, when they are as tender as any Radish could be wished for. Sow in May and every two weeks. Those which crop in October should be stored in sand for use in winter.

Chinese Rose Winter. Skin red; flesh white; good keeper.

California Mammoth White Winter. Extra-large, long roots; clear white.

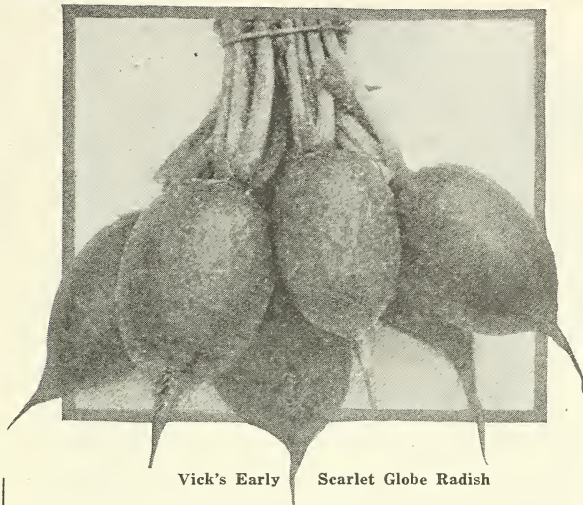
Round Black Spanish Winter. Black skin, white flesh.

SALSIFY

One ounce for 50 feet of drill

One of the most desirable winter vegetables. The roots when cooked are very palatable and nutritious and are served in a variety of ways. The flavor is similar to oysters. Salsify succeeds best in a light, well-enriched soil. Sow early and quite deep, giving the general culture recommended for parsnip. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring, as they deteriorate rapidly after growth commences.

Mammoth Sandwich Island. This variety is large and strong-growing, with long, smooth, white, tapering roots, and is less liable to branch than the other sorts. The tops are grassy. It is invaluable for market gardeners' use. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c.



Vick's Early Scarlet Globe Radish

PUMPKIN

One ounce for 25 hills; 3 pounds for an acre

Sugar, or New England Pie. For making pies this variety cannot be excelled. The Pumpkins are small, nearly round, light yellow in color, and very smooth. Flesh light yellow, very thick, sweet and finely flavored. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.

Winter Luxury. Vines productive; small, slightly oval Pumpkins, golden russet in color, with fine nettings. Flesh is golden yellow. A splendid pie Pumpkin. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Connecticut Field. For stock-feeding. Almost round; light yellow; produced in abundance. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.

King of the Mammoths. The largest Pumpkin grown. Known also as "Jumbo." Sometimes grows 2 feet or more in diameter and weighs 100 to 200 pounds. Salmon-orange skin, very thick. Pkt. 10c, oz. 15c.

OKRA

One ounce of seed will sow about 50 feet of drill

In the North the seeds should be sown in a hotbed and the plants protected from late spring frosts after transplanting. When the plants are 3 to 4 inches high, they should be thinned to a foot apart.

White Velvet. Free from spines; pods round, smooth, large and productive. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Perkin's Mammoth Long Pod Dwarf. Pods slender, deep green. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

POTATOES

This book is printed too early in the season for us to make definite Potato prices. Send in your list of wants. We will be glad to quote you on it.

Early Ohio. Extra early, round, pink skin; flesh solid; cooks dry and mealy.

Irish Cobbler. Most popular early kind, round, white, heavy cropper.

Early Rose. Early, oblong, pink skin, fine quality, a mighty good Potato.

Thoroughbred. Early, long, pink Potato of very fine quality. Try this one.

Green Mountain. Medium late, large flat oval, white. Keeps well.

New Number Nine. Main-crop or late, flat oval shape, large, solid and heavy.

Dibble's Russet. New, round, white, plump, russet skin, excellent quality.

THE DELL TITUS GARDEN CO.

Irondequoit, N. Y.

Hart & Vick, Inc., Rochester, N. Y.:

We have used Vick's Scarlet Globe Radish Seed a great many years and will continue to use it, buying our seed of Hart & Vick, 55 Stone Street. We find it of excellent quality. You can't beat it. Yours truly,

DELL TITUS.

SPINACH

One ounce for 100 feet of drill; about 10 pounds to the acre

Most popular of plants for greens. Plant seed in rich ground, in rows 12 to 14 inches apart, and cover 1 inch deep. Thin to about 6 inches apart. Cut before hot weather, when young and tender. For early spring plants, sow seed in August or September and protect with a light covering of leaves or straw.

Long Season. A good variety for the home garden. Sow in early spring and follow monthly with further sowings, and the crop will be continuous throughout the entire summer, hence its appropriate name, "Long Season." The leaves are a rich dark green color, very thick, crimped and of splendid quality. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. 75c.

Bloomsdale Savoy-Leaved. (See cut.) A very early variety and one of the best to plant in the fall for spring use. Upright grower; thick, glossy, dark green leaves, broad, crumpled, like Savoy cabbage. Very hardy, rapid grower. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. 75c.

New Zealand. Unlike other varieties of Spinach, it thrives during hot weather and in any soil rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Plant three or four seeds in hills 2 feet apart each way. Germination of the seed can be hastened by soaking in warm water 24 hours. Pkt. 10c, oz. 20c, ¼ lb. 40c, lb. \$1.00.

Prickly or Fall. A very hardy variety especially adapted for fall planting. Plant large, very vigorous, hardy, with thick, dark green leaves. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. 75c.

Bloomsdale Spinach

Victoria. A medium-season, large, thick, dark green-leaved sort. Plant large and compact, becoming fit for use fairly early and remaining so much longer than most other kinds. A desirable home and market garden variety. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. 75c.

SUMMER AND WINTER SQUASH

One ounce for 25 hills; about 3½ pounds to the acre

Sow seed same as for cucumbers and melons, summer or bush varieties, 4 feet apart each away; winter kinds, 10 feet apart.

Mammoth Bush Summer Crookneck. (See cut.) The largest and one of the earliest of the crookneck summer Squashes. The vines are of bush habit, larger and more vigorous than Summer Crookneck. The fruits when mature are often 1½ to 2 feet long, with exceedingly warted surface. The color is deep yellow. Its large size and attractive color make this variety a favorite with market gardeners as well as for home garden use. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

White Bush Scallop. A patty-pan variety; creamy white skin; flesh of extra-fine quality. Vines free bearers. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

Hubbard. One of the best of the winter Squashes. Very productive. The fruits are large, heavy and moderately warted, with a very hard shell; skin dark bronze-green; flesh bright orange-yellow, fine-grained, thick, dry, and richly flavored. This Squash can be kept in good condition until spring. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

Golden Hubbard. Medium size, weighing from 6 to 8 pounds; in shape like the Hubbard, although in condition for use decidedly earlier. They are long keepers and can be held in good condition for spring use. The shell is moderately warted, hard, strong, and of a beautiful orange-red color. The flesh is deep orange, dry, fine-grained and richly flavored. A very superior table variety. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

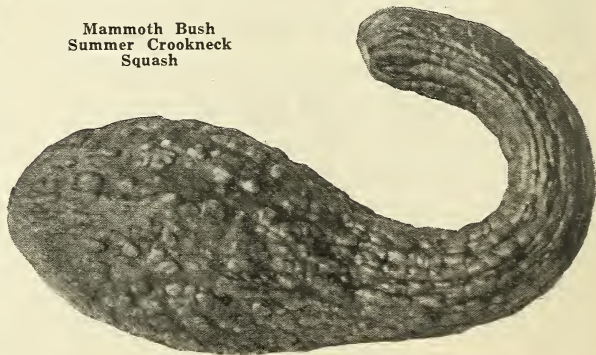
Delicious. This is a fall and winter variety of medium size. Although not very thick, the shell is rather hard and strong. Usually dark green, but sometimes lighter in color and mottled. The flesh is thick, very fine-grained and bright yellow in color. It is considered by many to be the best for markets where quality is appreciated, as well as very desirable for the home garden. Pkt. 10c, oz. 25c, ¼ lb. 65c, lb. \$2.25.

Chicago Warted Hubbard. Similar to above, but with thicker flesh, deeper color, and densely warted. A good variety for winter storage. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

VICK'S SUMMER ASPARAGUS

"Cut-and-Come-Again." Grows like a summer squash. Fruit oblong and deep green. Cut when not more than 5 inches long. This is one of the Vegetable Marrows and largely grown in Europe. Its fine qualities as a garden vegetable make it worthy of room in your own garden. Try it this year and give it plenty of sheep manure and water. Cook and serve same as asparagus. Cut in small pieces and creamed or when sliced and fried or used as a salad it is very delicious. Plant in hills in May and every two weeks until July. This should be in every garden. Pkt. 10c, oz. 25c, ¼ lb. 75c.

Mammoth Bush
Summer Crookneck
Squash



STIM-U-PLANT increases production, improves quality. Order tablets with your seed order. See Page 49.



GOOD GARDEN TOMATOES

One ounce of seed will produce about 2,500 plants. Sow seed in hotbeds, or in boxes in a warm room; transplant when about 2 inches high into flats or single pots and place in coldframes. Transplant to the open ground about the middle of May to June 15, setting the plants about 4 feet apart each way. To secure best results in earliness, amount and perfection, train and tie two or three of the strongest branches to long stakes; pinch off weaker ones.

Earliana, Special Strain. An extremely early, vigorous, productive variety. Fruit is large, smooth, nearly round, bright deep scarlet. Flesh very solid, bright red, with few seeds; ripens right up to the stem. A splendid canning and catsup-making Tomato. Our Special Strain of this variety is very fine; the seed is selected from the choicest and truest fruits taken from the most vigorous, healthy plants. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.25.

Chalk's Early Jewel. A productive, early, vigorous variety, fruits large, round, scarlet red, fine quality. A very good variety for the home garden, as fruits ripen early and can be picked through a long season. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.25.

Improved Stone. A main or late crop, bright red Tomato, unsurpassed for slicing and canning. Fruits are oval, deep, smooth, dark scarlet and uniform in size. Pkt. 10c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00.

Dwarf Champion. A second-early, main-crop, purplish pink variety. Vines 2 feet high, sturdy, erect-growing. Sometimes called "Tree Tomato." Abundance of good quality fruit. Pkt. 10c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00.

Ponderosa. A purplish pink main-crop Tomato of the largest size. Vines vigorous and productive. The fruits are solid, with exceptionally few seeds, fairly smooth, and considered of good quality, especially by those who prefer a Tomato quite free from acid. Desirable for slicing. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

Golden Queen. Solid, smooth, large size, and ripens early. Makes a handsome, rich preserve. The flesh is fine-grained, tender, and of a handsome yellow color, which makes it especially attractive when sliced with the red sorts. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.25.

Pear-Shaped Red. Used for preserves and to make "tomato figs." Fruits bright red, distinctly pear-shaped and excellent flavor. Pkt. 10c, ½ oz. 35c, oz. 65c, ¼ lb. \$2.

Pear-Shaped Yellow. Pkt. 10c, ½ oz. 35c, oz. 65c.

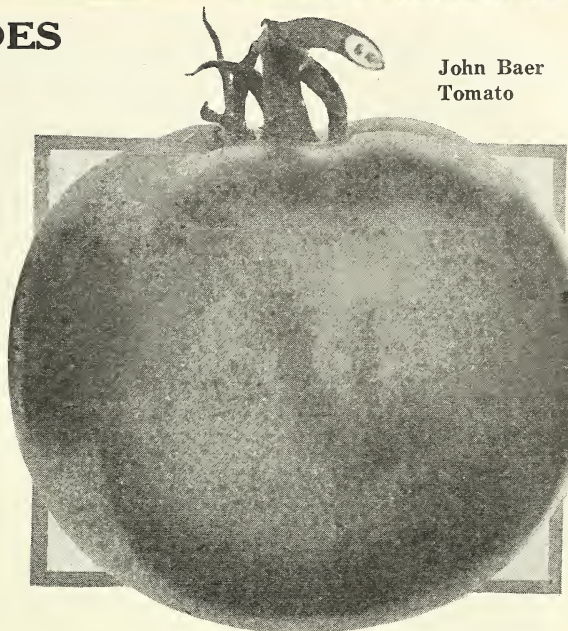
Red Cherry. Small fruits, brilliant scarlet. Fine for pickles and preserves. Pkt. 10c, ½ oz. 35c, oz. 65c.

Yellow Cherry. Pkt. 10c, ½ oz. 35c, oz. 65c.

John Baer, Special Strain. (See cut.) An extra-early scarlet-fruited variety of superior merit. The vines are hardy and exceptionally productive. Fruits are the largest of the extra-early sorts and are also most attractive in color. They are nearly round, smooth, firm and of excellent quality. It is one of the very earliest to ripen, and it continues to furnish marketable fruits much longer than other very early varieties. The seed of our Special Strain of this variety is exceptionally fine. We can recommend it to home and market gardeners. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.25. (Shown in colors on Front Cover.)

Bonny Best. An attractive early variety valuable for the home garden and for forcing under glass. The fruits are produced in clusters, round, flattened, and ripen evenly to the stem; color bright scarlet; flesh firm, solid, and of excellent flavor. Extensively used by canning concerns. We recommend it. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.25.

John Baer
Tomato



TURNIP

One ounce of seed will sow 200 feet of drill; 2 pounds to the acre. See Vegetable Planting Table, Page 1.

For summer use, sow seed early in spring in drills 1½ to 2 feet apart; cover ½ inch deep; thin and keep free from weeds. For succession, sow every two weeks until June.

Purple-Top White Globe. Flesh firm, fine-grained, sweet and mild. Medium size, globe-shaped, good keeper. Desirable for table; unsurpassed for stock. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00.

Purple-Top Strap-Leaf. Quick grower; valuable for spring planting; flesh and skin white, changing to purple above ground. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00.

Early White Snowball, or Six Weeks. Ball-shaped, small and smooth; white flesh and skin. Pkt. 10c, oz. 15c, ¼ lb. 45c, lb. \$1.25.

Robertson's Golden Ball, or Orange Jelly. The finest yellow-fleshed table Turnip; medium-sized bulb; smooth yellow skin; flesh deep yellow. Pkt. 10c, oz. 15c, ¼ lb. 45c, lb. \$1.25.

Long White or Cow Horn. Grows very quickly partly above ground; very productive; flesh white, fine-grained and sweet; of excellent quality for family use and for stock feeding. Largely used for turning under as green manure with Crimson Clover. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00.

RUTABAGA Swede Turnip

Used principally for stock-feeding. Cultivation is the same as for turnips.

White Sweet (White Rock). Solid, clear white; will keep till late in winter. Pkt. 10c, oz. 15c, ¼ lb. 45c, lb. \$1.50.

Imperial Purple-Top Yellow. Large; yellow, with purple top; one of the best. Pkt. 10c, oz. 15c, ¼ lb. 45c, lb. \$1.00.

The same high quality seed goes into our Packets as we sell Market Gardeners and Florists.

FARM SEEDS

We carry a complete line of farm seeds, but, owing to lack of space cannot list and describe them in this catalog. Tell us what you want and we will quote you the lowest market prices. When you are in Rochester stop in at our store at the corner of Stone and Ely St. Make this your headquarters. There is a barn for your horse and room for your automobile.

TWELVERO FLINT CORN

Twelvero Flint Corn. This Yellow Flint Corn is turning out to be such a success wherever it has been grown that we are feeling mighty proud of having introduced it. As good as it has proved to be, however, we don't think it's perfect yet, and are still working on it. In fact, you will find the ears, from this year's seed, just a little longer and the kernel a little deeper than they were last season. We describe "Twelvero" for those who do not know it. A twelve row, yellow flint, with large ears 11 to 12 inches long (see picture on this page), deep kernels and a small cob. Matures early and yields greater than any other flint we know of. Stalks grow 7 to 8 feet high, are covered with leaves and make good fodder. Price:—Peck (14 lbs.), 60 cts.; bushel (56 lbs.), \$2.25.

Patrick Hackett of Pittsford, N. Y., says: "This 'Twelvero' Flint Corn of yours is the best Corn I ever grew. It out-yielded the old 8-rowed almost 2 to 1. I am sending you a couple of average size ears. Practically the entire crop, and it was a big one, was of ears like these. Some were even larger. Don't be afraid to recommend this Twelvero Corn of yours, for it's away ahead of any other Flint Corn."

EARLY HURON—Monroe County Grown

Early Huron (Monroe County grown). For those who want to raise large crops of corn that will ripen in September we highly recommend our Monroe County Grown Early Huron. It will mature in northern parts of country where the ordinary Dent Corn will not ripen. The ears are of medium length, 8 to 9 inches long, compact and heavy, and have 14 to 16 rows of yellow, deep, well-formed kernels. The cob is small, dries out quickly and is easily husked. Early Huron Dent Corn makes mighty good fodder, as it grows 7 feet tall. Price:—Peck (14 lbs.), 55 cts.; bushel (56 lbs.), \$2.00.

CLARK'S EARLY SMOKY DENT CORN

Clark's Early Smoky Dent Corn. We introduce this new variety of Early Dent Corn, being convinced by trials corn growers have made of it, in the past four years, that it is the earliest Dent Corn in cultivation, that it is a good yielder and entirely free from disease, that it is the most beautiful colored-up Corn grown, quickly growing, strong, and has splendid 7 to 8 foot fodder, and that it will mature in Canada or in any state that Early Canada Flint will ripen in. Testimonials from expert Corn growers prove this Corn to be what all northern ensilage growers need, and especially those who grow Corn for crib purposes,—the greatest variety ever introduced in an Early Dent Corn.

This is what Mr. S. W. Sipe, vice-president, Fulton County Fair, Ohio, says about Early Smoky Dent:

"I have been growing Corn for the past thirty-five years, and the Early Smoky Dent Corn has every variety of Corn surpassed that I have ever grown, for early maturity, size of ears and quality—the ears measuring eight to ten inches long and have twelve to sixteen rows of kernels on the cob. This Corn has a nice leafy stalk, which very often carries two nice ears. Stalks will average on good ground eight feet or more in height. This Corn matured for me last season in seventy-five days, and this season in seventy-eight days from date of planting. Our last season's yield was 100 bushels per acre, but promises us more this season." Prices—Peck (14 lbs.), 85 cts.; bushel (56 lbs.), \$3.00.

IMPROVED LEAMING CORN

Improved Early Leaming Corn. Most of our readers know Leaming as one of the best two purpose corns for ensilage and fodder they can sow. Its tall stalks and many heavy leaves make it ideal for ensilage, while its good crop of medium to large ears matures early, in this improved strain, and puts value into it as a Corn for fodder. Prices:—Peck (14 lbs.), 50 cts.; bushel (56 lbs.), \$1.75.

WELCOME OATS

This heavy, white, branching oat, developed by the New York State College of Agriculture, where tests with other varieties gave it the highest yield per acre, has given the greatest satisfaction wherever it has been grown. Welcome is very early, vigorous and wonderfully productive. The seed we offer has been very thoroughly cleaned, is free from all impurities and of very high quality. Bu. (32 lbs.), \$1.75. Special price on large quantities.

ROBUST PEA BEANS

A vigorous growing, heavy bearing, absolutely rust-proof Pea Bean. Free from "Mosaic" disease and root-rot. Endorsed by Prof. G. P. McKostie of Cornell Agri. Exp. Sta. Peck (15 lbs.) \$2.25, bu. (60 lbs.) \$8.00.

SUNFLOWER

Mammoth Russian. May be grown to advantage on waste ground. An excellent and cheap food for fowls. All farmers should plant this, if only for feeding chickens. It is enormously productive, as the heads sometimes measure 18 inches in diameter. Plant 5 pounds to acre. Lb. 40c, postpaid. By express or freight, at purchaser's expense, 5 lbs. \$1.20, 10 lbs. \$2.30, 50 lbs. \$10.50, 100 lbs. \$20.00.

HUBAM CLOVER

This is the wonderful new clover discovered by the Iowa Experimental Station in 1916, that has caused such a sensation throughout the country. It does in one year all that other clovers do in two years. It reaches three to seven feet in height in from four to seven months after planting. It has grown successfully in every state and in most foreign countries. It is the greatest fertilizing plant known, a wonderful hay and pasture crop, and unsurpassed as a honey producer.

At Iowa Experiment Station, after the harvesting of the small grain crop, it produced six times the growth of medium red clover and Mammoth Clover, when seeded with the small grain. The drought resistant qualities of this Clover are remarkable; without irrigation and with less than one inch rainfall after seeding it has made a growth of seven feet. Its value to agriculture cannot be measured. Sow very early in the spring, 12 lbs. to the acre broadcast or 3 lbs. in cultivated rows. As long as the supply lasts we will furnish it as follows: \$2.50 per pound; \$20.00 for 10 pounds. ORDER NOW.

Inoculate your clover seed with FARMOGERM. It will increase its yield. See Page 49.

Twelvero—Flint

Clark's Early Smoky Dent



HART & VICK'S RELIABLE LAWN GRASS SEEDS

Highland Park Lawn Mixture

A mixture that has proven its worth by producing beautiful and permanent lawns for the city home, the public park, and the country estate. It is a careful blending of varieties that produce a thick, deep-rooted, velvety, evergreen sod that will hold the moisture and remain fresh and green during the dry season in summer. $\frac{1}{2}$ lb. 30c, lb. 50c, prepaid; 3 lbs. \$1.35, 5 lbs. \$2.25, 10 lbs. \$4.00, 20 lbs. (bus.) \$7.00, not prepaid. No charge for bags.

Shady Nook Lawn Mixture

This is a special mixture of varieties that will grow quickly and make a fine, rich, green grass in shaded places under trees, shrubbery, and overhanging buildings. $\frac{1}{2}$ lb. 30c, lb. 50c, prepaid; 3 lbs. \$1.35, 5 lbs. \$2.25, 10 lbs. \$4.00, 20 lbs. (bus.) \$7.00, not prepaid. No charge for bags.

Special Grass Seed Mixtures for terraces, greens, golf-links, tennis-courts, and athletic fields. Price on application.

FERTILIZERS FOR THE LAWN AND GARDEN

"GROZIT BRAND" PULVERIZED SHEEP MANURE

A light, dry, odorless, concentrated fertilizer, free from seeds and all foreign matter. "Grozit Brand" Pulverized Sheep Manure is aged for several years; it will not burn the grass or plants. Quickly dissolves and disappears from the surface when your lawn and garden is watered. "Grozit Brand" Pulverized Sheep Manure will help keep your lawn green and make your garden produce the finest vegetables and flowers.

Our "Grozit Brand" Pulverized Sheep Manure is put up in bags of the following sizes:

5 lbs. -----	\$.40	100 lbs. -----	\$ 4.00
12 $\frac{1}{2}$ lbs. -----	.75	500 lbs. -----	17.00
25 lbs. -----	1.25	1,000 lbs. -----	32.50
50 lbs. -----	2.25	2,000 lbs. -----	60.00

For liquid manure, 1 pound to 5 gallons of water, used once a week. For greenhouse or house plants, mix one part to 10 parts soil.

Analysis of "Grozit Brand" Sheep Manure

Nitrogen 1.84 as ammonia -----	2.25
Water Soluble Potash K ₂ O -----	3.00
Total Phosphoric Acid -----	1.25
Available Phosphoric Acid -----	0.75

PURE RAW BONE MEAL

Finely ground bone decomposes more rapidly in the soil than coarser grades, and is more quickly beneficial. Bone Meal forms an excellent permanent improvement and is less likely to waste than other fertilizers. It is safe and there is no danger of burning the plants. Lb. 15c, 5 lbs. 60c, 10 lbs. \$1.00, 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$6.00.

POWDERED LIME

Promotes the growth of grass and gives it a rich color.

Always beneficial to the garden, especially when the soil is at all inclined to be sour or heavy. 50 lbs. \$1.00, 100 lbs. \$2.00, 500 lbs. \$6.50, 1,000 lbs. \$13.00, ton \$24.00.

Apply 50 to 75 pounds per 1,000 square feet; 1,000 pounds to the acre on lawns; double this amount on fields

CLAY'S FERTILIZER

This valuable imported manure is especially recommended to all who wish to bring their fruit, flowers and vegetables to the highest perfection. Bag of 28 lbs. \$2.75, 56 lbs. \$5.00, 112 lbs. \$9.25.

Fruit trees, berry plants, and grapes on pages 39 and 40

QUANTITIES OF SEED TO USE FOR NEW LAWNS

1 lb. for 300 square ft.	25 lbs. for one-fourth acre.
5 lbs. for 1,500 square ft.	50 lbs. for one-half acre.
10 lbs. for 3,500 square ft.	100 lbs. for one acre.
15 lbs. for 4,250 square ft.	

For Old Lawns, use half above quantities to get ideal results. Sow early before withering summer heat comes on.

Quantities of Sheep Manure or Bone Meal to use for Lawns or Gardens

5 lbs. for 100 square ft.	25 lbs. for 500 square ft.
12 $\frac{1}{2}$ lbs. for 250 square ft.	50 lbs. for 1,000 square ft.
	2,000 lbs. for one acre.

Mix Grass Seed and Sheep Manure together, 3 parts seed, 1 part manure. You will be able to get the seed sown more evenly in this way.

SEEDS OF ANNUAL FLOWERS

Our list of Annual Flowers, those that bloom the same year the seed is sown, does not cover every variety, but it does describe the best kinds for garden planting. We believe that a list of the best well-known standard Annual Flowers and those new varieties, or Novelties, as they are often called, that are really worth planting, is what the amateur gardener wants. Our seed is the best that can be grown, carefully tested for quality before selling, and, with ordinary care, will give good results.



A border of Little Gem Alyssum and Geraniums

AGERATUM—Floss Flower

Dwarf, compact-growing plants 6 to 12 inches high, flowering freely throughout the season from spring-sown seed; splendid for bedding, edgings, or pots.

Little Dorrit. Produces a multitude of sky-blue flowers. Pkt. 10c, ¼ oz. 25c.

Blue Perfection. Plants almost uniform in height; flowers deep amethyst-blue. Pkt. 10c, ¼ oz. 35c.

Little Blue Star. Dwarf, tiny bush 4 to 5 inches high, densely covered with bright blue flowers, very fine for edging. Pkt. 25c.

Imperial Dwarf White. 8 inches. Pkt. 10c.

ALYSSUM—Madwort

These pretty little plants are for beds, vases, baskets, edging or rock-work, blooming profusely all summer; useful also for winter-flowering. Very sweetly scented.

Little Gem. Dwarf, compact, not over 6 inches high. Covered with fragrant white flowers the entire summer. Pkt. 10c, ¼ oz. 25c, oz. 75c.

Carpet of Snow. This variety forms a close mat completely covering the ground with white bloom. Pkt. 10c, ¼ oz. 35c, oz. \$1.00.

Sweet. The popular old-fashioned sort; the best for broad edges and vases. Pure white; height 8 inches. Pkt. 10c, ¼ oz. 15c, oz. 50c.

Lilac Queen. A dwarf, compact, long, free blooming, deep lilac Alyssum, very pretty alone or used with the white kinds. Pkt. 10c, ¼ oz. 25c.

AMARANTHUS

Brilliant-foliaged annuals growing 3 to 5 feet high. Useful in borders of tall plants or for the center of large beds. **Fine Mixture**, including *Love-lies-bleeding*, *Joseph's Coat*, *Prince's Feather*. Pkt. 10c, ¼ oz. 25c.

Sunrise. The best, in our opinion, of this family. Top leaves brilliant crimson, lower ones dark crimson. Pkt. 15 cts.

ANTIRRHINUM—Snapdragon

These pretty half-hardy Perennials, that bloom from July until frost, belong to the aristocrats of the garden. Appearing as they do, in the most pleasing shades, with the pretty flowers completely encircling the stout stems to fully a foot to 18 inches at the top, they are most useful for bedding or as a cut flower. By all means include Snapdragon in your garden.

H. & V. Tall, Large-Flowering

Brilliant Red. Flower-spike like a flaming torch; full, double blooms. Pkt. 10 cts.

Silver Pink. The best variety for cutting; delicate pink. Pkt. 10c.

Snowflake. New giant flowered, pure white. Pkt. 15c.

Golden Queen. New giant flowered, beautiful bright golden yellow. Pkt. 15c.

H. & V. Tall Large-Flowering Mixture. Pkt. 10 cts.

One packet each of above 4 colors, 40c

H. & V. Dwarf, Large-Flowering

Ruby Red. Very fine. Pkt. 10 cts.

Canary Bird. Bright yellow. Pkt. 10 cts.

Queen of the North. Pure white. Pkt. 10 cts.

H. & V. Dwarf Large-Flowering Mixture. Pkt. 10 cts.

One packet each of above 3 colors, 25 cts.

Tom Thumb "Beauty" (New). See Specialty Pages, 2-3



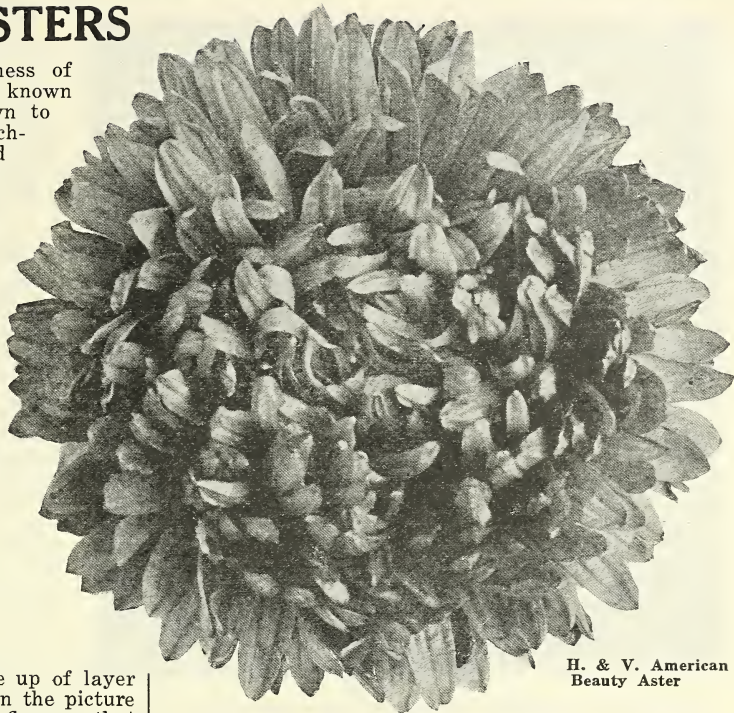
Snapdragon should be in every garden

HART & VICK'S ASTERS

Through the activity and foresightedness of Mr. Charles H. Vick, the strain of Asters known as "Vick's Branching" became well known to the floral world. The original Vick's Branching was introduced about 25 years ago, and at once spring to the greatest popularity. Since that time many strains have been developed, but none that are better than the original. All of the seed which we offer, whether in the Branching class or in other classes, has been grown under our personal direction; it is absolutely fresh 1920 stock, free from stem-rot and other diseases so prevalent, strictly true to name and of the very highest quality.

AMERICAN BEAUTIES NOVELTIES OF 1921-1922

Last season we introduced a new race of Asters called American Beauty, that was welcomed by both amateurs and professional growers as the best late Aster ever grown. This year we offer as a novelty and new introduction this same wonderful Aster in an early kind. One that will begin blooming in July and continue until frost. The flowers of these two new Asters are mammoth in size, measuring 4 to 5 inches across, and made up of layer upon layer of incurved petals, as shown in the picture at the right, forming perfectly double flowers that show no yellow centers. The value of the American Beauties, however, is not confined to the wonderful blooms alone. The giant stems of this Aster, 18 to 24 inches long that are strong and sturdy and hold the exquisite flowers high above the plant, deserve an equal share in the glory this Aster has deservedly won in the single year it has been out. Save a place in your garden for these American Beauties. They deserve all the room you can give them.



H. & V. American
Beauty Aster

May or June will provide bloom in August and September.

Peerless Pink	Lavender	Purple
Snow-White	Lavender-Blue	Crimson
Shell-Pink	Azure-Blue	Rose

Pkt., each, 10c. One pkt. of each color for 75c
H. & V. all color mixture, pkt. 10c

VICK'S KING ASTERS

A class entirely distinct from other Asters. The petals are long and narrow and so closely rolled that they look like a quill. Violet King was the first introduced and created a distinct sensation. This was soon followed by the Rose King, and later the other colors were added.

Violet King	Pink King	Lavender King
White King	Rose King	Crimson King

H. & V. Special King Mixture
Pkt. 15c, 2 pkts. 25c; 1 pkt. each of 6 colors, 70c

H. & V. ROYAL ASTERS

Similar in all respects to the Late Branching, except it blooms from two to three weeks earlier. For the home-garden or for commercial purposes this Aster is unsurpassed. Seed sown in the open ground as early as possible in the spring will bloom continuously from midseason to late fall.

Royal White	Royal Purple
Royal Shell-Pink	Royal Rose
Royal Lavender	

H. & V. Special Royal Mixture
All packets, 10c each; 1 pkt. each of 5 colors, 40c

PINK ENCHANTRESS

Flowers are borne on upright stems, and are delicate pink, closely resembling Pink Enchantress carnation; petals closely arranged in a large, almost perfect ball. Plants are tall and strong. Pkt. 15c, a pkts. 25c.

Early American Beauty Asters—Our 1922 Novelty

Rose—Purple—Pink—All Colors Mixed

Each kind 20c a Packet—One Packet of each Color
(3 Pkts.), 50c

Late American Beauty Asters—Our 1921 Novelty

Shell-Pink—Rose—Lavender—Purple
All Colors Mixed

Each Kind 15c a Packet—One Packet or Each Color
(4 Pkts.), 50c

HEART OF FRANCE ASTER

The best pure red Aster ever introduced. Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The plants begin to bloom quite early in the season and open fully with the midseason varieties. Pkt. 20c, 2 pkts. 35c.

VICK'S BRANCHING ASTERS

This superb class of Asters still holds its popularity despite the introduction of many later novelties. The blooms are borne on long stems, making them extremely valuable for cutting. The plants frequently cover a space of 3 feet, and should be allowed ample room to develop to full size. Seed sown in pots or boxes in March or April and transplanted to outdoor bed in



Rochester is the best type of long, shaggy-petaled Aster

ARCTOTIS

Blue-eyed African Daisy

Easily grown from seed. Each plant quickly forms a bush 2 to 3 feet across, with distinct silvery white, deeply cut foliage. The daisy-like flowers measure 2½ inches across and are silvery white and a sky-blue eye, surrounded by a narrow yellow zone. The under part of the petals is of lilac-blue. Seed enough for 50 plants. Pkt. 10c.

BRACHYCOME

Swan River Daisy

Free-flowering, dwarf-growing annuals, covered most of the summer with pretty blue and white flowers. A very pretty border. Pkt. 10c.

CANNA—Indian Shot

Cannas can successfully be grown from seed. If started in February in boxes or under glass they will bloom the first season. Soak the seed in lukewarm water until they start to swell. Sow in boxes and plant out in June. Crozy's Hybrids. Plants dwarf, blooming early; many large and beautiful flowers. Mixed Colors. Pkt. 10c.

CALLIOPSIS—Tickseed

Flowers of various shades of yellow and orange, variegated with rich velvety crimson or maroon; excellent for bouquets, their warm and brilliant tints harmonizing well with all other colors. Will thrive anywhere and blossom all summer. Mixed Colors. Pkt. 10c, ¼ oz. 30c.

BALSAM

Lady's Slipper

A favorite garden flower, producing its gorgeous masses of brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good rich soil; grows about 2 feet high. Start the seed indoors in April, or sow out-of-doors in May.

White Perfection. Pure white, double flowers. Pkt. 10c.

Pink Perfection. Double flowers in delicate shades of pink. Pkt. 10c.

Scarlet Perfection. Brilliant scarlet; double. Pkt. 10c.

1 pkt. each of 3 colors above, 25c

H. & V. Mixture of Goliath Balsams.

A wonderful mixture of colors in tall-growing Balsams 4 feet high. Beautiful in the garden and as cut flowers. Pkt. 10c, ¼ oz. 20c.

CHRYSANthemUM

Painted Daisy; Summer Marguerite

Bloom profusely from early summer until frost. Grown in beds their colors make a splendid show. Height 12 to 18 inches. Colors in our Special Mixture: Primrose; Golden Yellow; White; Crimson Center; Silver-White and Yellow; Pure White; Scarlet; Red and Yellow. Pkt. 10c.

CALCEOLARIA, H. & V.'s KING

An ornamental house plant producing a mass of beautiful pocket-like flowers in the spring; blotched and spotted with rich and varied colors. Pkt. 25c.

ROCHESTER ASTERS

Long, narrow-petaled Asters of immense size and delicate color. The plants are large and strong and bear an abundance of bloom. They make splendid cut-flowers for the house. If you have not grown the Rochesters in your garden, try them this year. Pkt. 15c, 2 pkts. 25c.

Lavender Pink White Lavender
Shell Pink Violet Rose

H. & V. Special Rochester Mixture

H. & V. IMPERIAL ASTERS

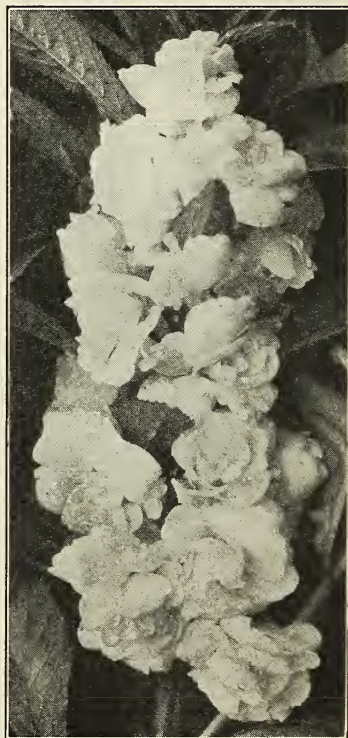
Extremely double flowers, narrow petals, straight or slightly quilled, borne on long, upright stems. Mixed colors. All packets 15c, 2 pkts. 25c. Daybreak. Delicate pink Rose. Silvery rose Blue. Bright blue. Lavender. Very dainty

H. & V. NOVELTY ASTER MIXTURE

This Special Aster Mixture contains seed of every kind and color of Aster we list in this book. Its purpose is to introduce to you the entire Aster family. Reserve a spot in your garden for a trial of these Asters. It will not only be interesting and instructive to watch the growth and habits of the many different varieties, but it will give you an abundance of beautifully colored and shaped blooms. Pkt. 15c, 2 pkts. 25c.

E. C. Swartley, of Sterling, Ill., says:

"In all my experience I have never had Aster seed as good as yours. I will remember you next year."



Balsam or Lady's Slipper

CENTAUREAS

Under this head come the Cornflowers, Sweet Sultans, Bachelor Buttons, all great favorites in the annual garden.

Cornflowers—*Centaurea Cyanus*

Known as Bachelor's Button, Ragged Sailor, Blue Bottle, etc.

Bright-flowered plants, hardy and easily grown. Among the most attractive and graceful of old-fashioned flowers. Bloom all summer.

Double Blue. Very large; rich deep blue. Very fine in the garden and as a cut flower; better in every way than the single blue. Pkt. 10c.

Single Mixed. Dark and Light Blue, Pink, Rose and White. Pkt. 10c.

Double Mixed. Double flowers in Blue, Pink, Rose and White. Pkt. 10c.

Centaurea Imperialis—Royal Sweet Sultan

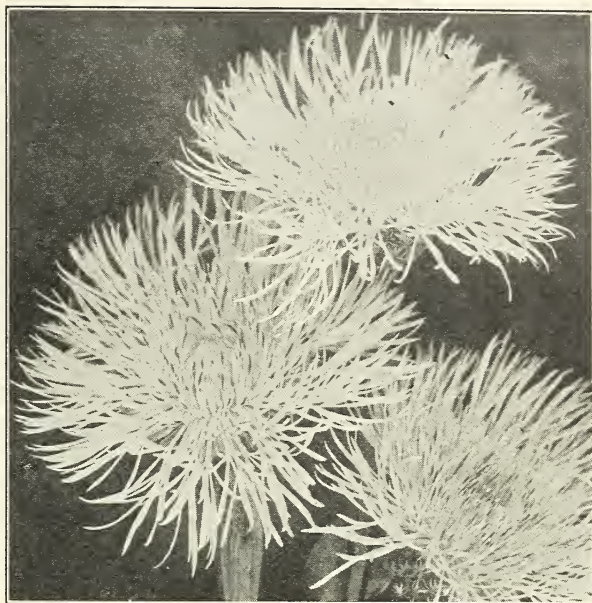
Giant, sweet-scented, beautifully fringed flowers, borne on long stems. Remain fresh a long time after being cut.

Marguerita. Satiny white. Pkt. 10c.

Suaveolens. Rich yellow. Pkt. 10c.

Blue. Deep, rich blue. Pkt. 10c.

Mixed Colors. Yellow, Rose, Lilac, White, Blue. Pkt. 10c.



Centaurea Imperialis or Sweet Sultan

CARDINAL CLIMBER

A rapid-growing annual, resembling the Cypress Vine; the flowers, however, are much larger and are produced with the greatest freedom the whole summer; the color is fiery cardinal. Splendid for trellises and fences. Pkt. 15c.



Calendulas or Pot Marigolds

CARNATION

Carnations are general favorites in summer in the garden and in the greenhouse in winter. Their fragrance and richness of color make them very desirable.

Early Flowering Marguerite. The most popular Carnation for the garden, as they begin flowering a few weeks after sowing. Especially adapted for out-door culture. Pink, Scarlet, Striped, and White. Early-flowering, Mixed, pkt. 10c.

Giant-Flowering Marguerite. An abundance of very large, double flowers in Pink, Scarlet, White, and Striped. Giant-flowering, Mixed, Pkt. 15c.

Chabaud's Everblooming. A French strain blooming 5 months after sowing and bearing a profusion of flowers. Mixed Colors, pkt. 20c.

CANDYTUFT

An easily grown, free-flowering annual, splendid for edging beds and borders. Flower within six weeks after sowing. Make handsome cut-flowers. Grows 1 foot high.

White Rocket Dark Crimson Lilac Carmine

Pkt. 10c; 1 pkt. each of 4 colors, 30c

Giant Hyacinth Flowered Empress. A pure white variety of large size; strong, free grower. Pkt. 10c.

Mixture, All Colors and Kinds. Pkt. 10c, ½ oz. 20c, oz. 35c.

CALENDULA—Pot Marigold

Brilliant and showy free-flowering annual. Will grow anywhere, but best when used in solid masses of color. Plants about 1 foot high.

Orange King. Full, double, brilliant orange flowers. Pkt. 10c, oz. 30c.

Meteor. Flowers double, with creamy center, edge orange-yellow. Pkt. 10c, oz. 30c.

Sulphur Crown. Large sulphur yellow flowers, extremely double, dark eye. Pkt. 10c, oz. 30c.

Mixed Colors. Pkt. 10c, oz. 30c.



This New Crested Cosmos will bloom in 70 days

DIANTHUS OR PINKS

Unsurpassed for wonderful color and profusion of bloom. Very effective for borders. Double sorts are almost as fine as carnations for cutting. Sow in sunny spot early in spring.

- H. & V. Double Pinks. Colors varying from richest, velvety crimson to most delicate rose. Pkt. 10c.
- H. & V. Single Pinks. Large, single, brilliant flowers in many colors. Pkt. 10c.
- H. & V. Single and Double Mixed. Pkt. 10c.

Dianthus Plumarius. See Perennial Seeds.

CYPRESS VINE—Ipomoea Quamoclit

One of the most popular vines. Delicate fern-like foliage and masses of small, star-shaped flowers. Sow in May, first soaking seeds in warm water for a few hours. Height 20 feet. Mixture: Scarlet, White and Rose. Pkt. 10c.

COBOEA SCANDENS

Cathedral Bells; Cup-and-Saucer Vine

A rapid-growing climber; often attains a height of 40 feet in a season. Flowers bell-shaped, purple-lilac. Fine for covering arbors and trellises. Plant seed edgewise and cover lightly. Vigorous and prolific bloomer. Pkt. 10c. White, Pkt. 10c.

CHINESE WOOLFLOWER

Celosia Childsii

Unlike other feathered Celosias, it bears large globular heads like balls of wool, on stalks 2 to 3 feet high. Branches freely, each branch terminating in a bright red ball. Not only valuable as a very showy garden flower, but they make a fine flower for cutting, as they can be dried and will keep their bright red color for weeks. Pkt. 15c.



Cobaea Scandens

EARLY GIANT COSMOS

Beautiful, early-blooming, rapid growing plants 4 to 6 feet high, plants bearing great numbers of large, lovely flowers in many colors from July until after frost. Sow seed in spring when danger from frost is past.

- Early Giant White
- Early Giant Pink
- Early Giant Crimson
- Early Giant Mixture of Colors

All kinds, 10 cts. each per pkt.

NEW EARLY FLOWERING CRESTED COSMOS

We take pleasure in introducing this New Extra Early Cosmos. It grows to a height of 3 to 4 feet, forming a perfect bush massed with bloom, bearing beautiful double crested flowers of good size on long stems. Bloom in 70 days from sowing seed and continues until cut down by frost. Mixed colors, consisting of White, Pink and Crimson, packet, 15 cts.

DOUBLE COSMOS

A new variety that will bear about 50 per cent. double flowers; other half will be large, single blooms. To produce seed doubles depend on staminate singles. The result is half double and half single flowers. White, Pink and Crimson, or H. & V. All Color Mixture. Pkt. 15c.

CELOSIA CRISTATA

Crested Cockscomb

An easily grown, free-blooming annual, very effective in the border and popular as cut-flowers. Flowers 12 to 18 inches high. Pkt. 10c.

- Prince of Orange. Rich golden yellow giant combs. Pkt. 10c.
- Empress Giant. Crimson comb; crimson foliage. Pkt. 10c.
- H. & V. Mixed Colors in Cockscomb. Pkt. 10c.

Plumed or Ostrich-feathered Cockscomb

Thompsonii Magnifica. The finest Ostrich-plumed Celosias. Colors: White, Red, Yellow, Pink, Purple, Salmon, Carmine and Rose. all these colors in a mixture. Pkt. 10c.

H. & V. Special Mixture. All colors and kinds of Celosias. Pkt. 10c.

CINERARIA HYBRIDA GRANDIFLORA

Beautiful flowering plants for the house or conservatory during the spring months. Colors vary from pink to deep crimson, from light blue to rich violet. Pkt. 25c.

White Leaved Cineraria—Dusty Miller

Fine for bedding and borders. Their silvery foliage makes a great show. Pkt. 10c.

DIMORPHOTHECA African Golden Daisy

The blooms of these new hybrids of the Golden Orange African Daisy, comprise beautiful and delicate shades of color, ranging from pure white through pale salmon and primrose tones to deepest orange. Pkt. 10c.

DOLICHOS—Hyacinth Bean

A rapid-growing climbing plant with handsome foliage and spikes of purple and white flowers which are followed by purple seed-pods. Mixed Colors, White and Purple. Pkt. 10c.

DAHLIAS

But few people know Dahlias can be raised from seed and will bloom the first year. The seed germinates easily and will grow in any garden. Mixture of Double Giant-flowering Dahlias, All Colors, pkt. 10c.

DATURA WRIGHTII Angel's Trumpet

Showy, large-branching plants, 3 to 5 feet high, bearing immense trumpet-like, white, sweet-scented flowers from early summer until fall. Pkt. 10c.



Annual Larkspur

LARKSPUR ANNUAL FLOWERING

During the last few years, great improvements have been made, by careful selection, in the size and colors of the blossoms of these popular garden flowers that begin blooming in July and continue until frost. They make handsome beds and borders and look extremely well in clumps among shrubbery. Sow seed early. Pkt. 10c.

Double Stock Flowered. 2 to 3 feet high. Giant blossoms.

White Dark Blue
Shell-Pink Lavender
Finest Mixed. All Colors
Collection of Four Colors.

One packet of each, 35c
Dwarf Rocket. Dwarf 18 inch double mixed. Pkt. 10c.



Kochia or Summer Cypress

NEW DOUBLE LARKSPUR EXQUISITE

The color of this charming new Larkspur is a beautiful soft pink. The color and size of blooming spikes will appeal to both the florist and amateurs as a cut-flower for the house. Pkt. 20c, 2 pkts. for 35c.

EUPHORBIA—Snow on the Mountain

A striking ornamental plant; leaves light green variegated with white. Very popular. Pkt. 10c.

ESCHSCHOLTZIA

California Poppy

Silvery foliated plants about a foot in height, producing quantities of large poppy-like flowers from early spring until frost. Sow seed early and cover thinly. All Colors Mixed. Pkt. 10c, ½ oz. 20c.

GAILLARDIA—Blanket Flower

A splendid annual garden flower, excellent for cutting. The large, highly colored, daisy-like flowers, red and orange, appear uninterruptedly the entire season. 18 inches high. Double-flowering, Mixed. Pkt. 10c.

ORNAMENTAL GOURDS

Rapid-growing climbers, useful for covering porches and summer-houses; plants are entirely free from insects.

African-Pipe	Calabash or Dipper	Wild Cucumber
Dish-Rag	Hercules' Club	Mixed Varieties
Balsam Pear	All Varieties, each, pkt. 10c	

GYPSOPHILA—Baby's Breath

The delicate, mist-like sprays are invaluable for bouquets. They lighten the effect of masses of other flowers and are useful with sweet peas and other flowers. Elegans. White, pink, rose, mixed. Pkt. 10c, ¼ oz. 20c.

For New Double White Gypsophila, see Novelty pages 2 and 3

HELIOTROPE

Both the flowers and foliage are deliciously fragrant. Seed sown early will produce blooming plants for bedding. Choice Mixed Colors, pkt. 10c.

HUNNEMANNIA—Giant Yellow Tulip Poppy

Large tulip-shaped brilliant yellow flowers on long, stiff stems, from August to November. The flowers will keep in water for several days. Pkt. 10c.

KOCHIA

Summer Cypress; Burning Bush

This beautiful annual bush has rapidly come into prominence. It grows 2 to 2½ feet high and resembles a close clipped ornamental evergreen. The globe-shaped or pyramidal bushes are close and compact, and of a pleasing light green color. The plant may be grown singly or in the form of a hedge or background. In early autumn the whole bush becomes carmine or blood-red. Pkt. 10c.

HUGELIA—Blue Lace Flower

Many of our friends wished us to include this in our Flower Seed List, and we have done so this year. Its large, lace-like, delicate azure-blue blooms are gracefully poised on long stems. Sow seed in the hot-bed in March and out-doors in May and again in June, and you can cut flowers until frost. Packet, 15 cts.

ICE PLANT

A pretty, half-hardy annual, with delicate, almost transparent branches and leaves. Adapted to baskets, vase work and rockeries. Prized for its singular foliage, which looks as though covered with particles of ice. Pkt. 10c.

JAPANESE HOP

An annual climber which grows with great rapidity; foliage similar to the common hop, but much larger. Desirable for covering verandas or summer-houses. Pkt. 10c.

LOBELIA

No garden is complete without an edging of blue Lobelia, and for a long season of bloom there is nothing that can take its place; also desirable for pots, hanging-baskets, etc.

Crystal Palace Compacta. Excellent for carpet bedding, seldom over 4 inches in height; deep blue flowers, small but effective in masses. Pkt. 10c.

Gracilis. Plants of trailing habit; blue flowers. For baskets or porch-boxes. Pkt. 10c.

Mixed Colors, Pink, White, and Blue. Pkt. 10c.

Our packets are filled with the same high quality, new crop seed that we furnish to the Florist and Market Gardener.



African Marigold Prince of Orange

MORNING-GLORIES

Imperial Japanese. These are, beyond question, the handsomest of all Morning-Glories. Of the easiest culture and can be sown in the open ground in a sunny situation when the weather has become warm and settled. They soon cover a large area. The flowers are of gigantic size, and their colorings beautiful beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades. There is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc.

Imperial Japanese Mixture. Pkt. 10c, $\frac{1}{2}$ oz. 25c.

Rochester Morning-Glory. A distinct species with extra-large beautiful flowers and strong-growing vines. Flowers 4 to 5 inches across, deep violet-blue in the throat, blending out to an azure-blue, bordered with a wide white band around the edge. Very free flowering. Pkt. 10c.

Old-Fashioned Climbing Morning-Glory. H. & V. Special Mixture, All Colors. Pkt. 10c, oz. 25c.

ANNUAL LUPINS

One of the fastest growing Annuals, for in six weeks from sowing seed the plants are in full bloom. They are very free-flowering and easily grown. The long, graceful spikes of rich various colored pea-shaped flowers are valuable for mixed borders, for beds and for cutting. Sow Lupin in a partly-shaded place, giving each plant about a foot of space. To have bloom all season make repeated sowings. In four colors, White, Dark Blue, Light Blue, Rose. Packet 10c, oz. 40c.

Mixture of all colors, pkt. 10c, oz. 30c.

MARIGOLDS

These are old favorite free-flowering annuals, with rich and showy flowers, blooming all summer. The Tall African varieties are best for garden and cutting, while the Dwarf French varieties are better suited for bedding purposes.

DOUBLE AFRICAN VARIETIES

Prince of Orange. Flowers large, double, beautiful deep orange as large as a medium-sized Dahlia bloom. Extra fine. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

Lemon Queen. A counterpart of Prince of Orange except in color. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

Mixed African, in a wonderful assortment of shades of Yellow, Cream, Orange, Brown. Pkt. 10c, $\frac{1}{4}$ oz. 25c.

FRENCH VARIETIES

The French Marigolds are smaller than the African varieties; blooms striped and shaded with varying colors. They form dense bushes not over 12 inches high and are unequalled for borders and beds.

Legion of Honor, or "Little Brownie." A single-flowered variety; blooms in June; color brilliant orange with maroon markings. Pkt. 10c.

Border King (T. signata pumila). (See cut.) By far the finest double dwarf for borders. Plants are very strong-growing; very bushy and compact, 6 to 8 inches high, and covered with a mass of very double, bright yellow flowers. Pkt. 10c.

French Varieties, Yellow, Orange, Cream, Brown and Old-Gold in mixture. Pkt. 10c, $\frac{1}{4}$ oz. 25c.

MARVEL OF PERU—Four O'clock

Easily grown from seed, which should be sown where the plants are desired, as they are not readily transplanted. The blooms open in the late afternoon, remaining during the whole night. Mixed Colors, pkt. 10c, $\frac{1}{2}$ oz. 25c.

MIGNONETTE

The sweet yet delicate odor of the Mignonette has endeared itself to every true lover of flowers. Seed sown early in the garden will give flowers all through the summer and fall. All varieties. Pkt. 10c, $\frac{1}{4}$ oz. 20c.

Sweet. The familiar and popular Sweet Mignonette.

Allen's Defiance. Spikes from 12 to 15 inches long, deliciously fragrant. Spikes have been kept 3 weeks after cutting, retaining the fragrance till every bud opened.

Machet. One of the best for either outside or inside. The flowers lasting until late in the fall.

MOONFLOWER

Climbing vines of dense, quick growth, often reaching a height of 30 feet in a season. Blooming profusely, particularly in the evening and on cloudy days, with fragrant flowers 5 to 6 inches in diameter. For trellises and verandas and for covering unsightly objects, stumps, old fences, etc., there are few better plants than Moonflowers. Soak seed 24 hours in warm water and notch end before planting.

Giant White Moonflower (Ipomoea Bona-nox). Pkt. 10c.

Giant Pink Moonflower. Pkt. 10c.

Mimulus—Musk Plant

A showy, profuse-flowering plant, fine for greenhouse or moist, shady situation. Seed may be sown in the open ground, and will bloom the first season. Pkt. 10c.

Maurandia

A climbing plant, frequently reaching 10 feet the first season. Especially adapted for baskets and vases. Flowers white, rose, purple, and blue. Start seed indoors. Mixed Colors, pkt. 10c.

GIANT NASTURTIUMS

Next to the Sweet Pea no flower enjoys more popularity than the Nasturtium. It blooms from the moment the plant is strong enough until the last day of life in the garden. The taller sorts may be used for climbing over stonework, or on trellis, or to shade porches and verandas. The dwarfs are excellent for bedding and edging. Seeds can be sown in the garden in April, and in June flowers are ready for use.

Dwarf or Bedding Nasturtiums

Giant-flowering Dwarf Nasturtiums in a mixture of all varieties and colors. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c.

Tall or Climbing Nasturtiums

Giant-flowering Tall Nasturtiums in a mixture of all varieties and colors. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c.

PHLOX DRUMMONDII—Annual Phlox

Few flowers are so easily grown from seed, so pretty and compact, so quick to bloom from seed or give such a brilliant display of color for so little cost and care. Sow seed outdoors as early as possible. In a few weeks your Phlox will be a sheet of bloom that will remain until frost.

Choice Large-Flowering Varieties. Pkt. 10c, $\frac{1}{4}$ oz. 50c.

Shell-Pink	Snow-White	Royal Purple
Brilliant Scarlet	Bright Rose	

Choice Large-Flowering Varieties, Mixed. All the colors listed above and many others. Pkt. 10c, $\frac{1}{4}$ oz. 40c.

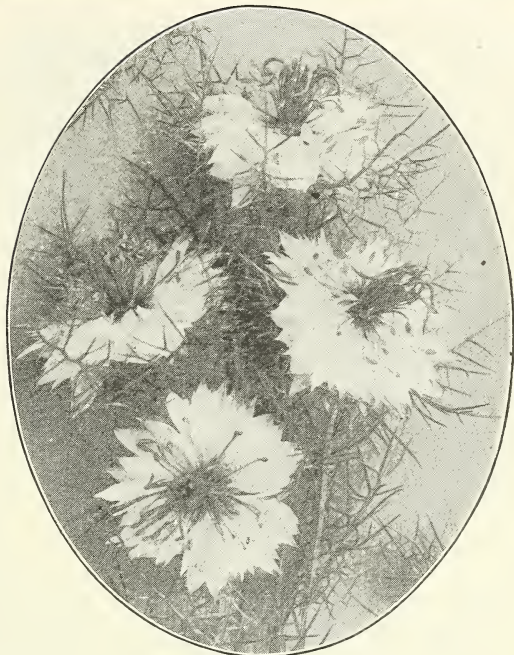
Star Phlox. A dwarf, compact-growing variety, bearing quantities of pretty star-shaped flowers in many brilliant colors. All Colors Mixed, pkt. 10c.

NICOTIANA SANDERAE

A very lovely hybrid tobacco of branching habit, bearing great quantities of very beautiful, many-shaded flowers from early summer to autumn. Pkt. 10c.



Mastodon Pansy



Nigella Miss Jekyll

NIGELLA

Love-in-a-Mist, Devil-in-a Bush and Fennel Flower are names given to this pretty, interesting, and easily grown annual. The foliage is fine and feathery and the showy flowers, mostly in shades of blue, are surrounded by a border resembling green lace; fine for cutting. 12 to 15 inches. Mixed Colors, pkt. 10c.

Miss Jekyll. Lovely cornflower blue blossoms, splendid for cutting. Pkt. 10c.

MASTODON PANSIES

Seed sown in April or May will produce blooming plants by the last of June. They will give an abundance of flowers throughout the remainder of the season.

H. & V. Mastodon Pansies are a distinct variety. They are giant-flowering, of wonderfully brilliant color, strong-stemmed, hardy and well adapted to our climate. These are the largest and most beautiful Pansies grown. We have the following varieties:

Pure White	White with dark eye
Dark Purple	Yellow with dark eye
Pure Yellow	Victoria red
Black	Lord Beaconsfield—Deep purple
Blue	violet, shading white.

Packet, 15c. Six packets your selection for 75c.

H. & V. Special Mastodon Mixture. Needless to say, this mixture, made up as it is of the many colors and shades of Mastodon varieties, has no superior among Pansy mixtures. It will make wonderful borders and beds in the garden. The finest strain of named varieties are put together to make the most beautiful combinations of color. Pkt. 25c, $\frac{1}{16}$ oz. 85c, $\frac{1}{8}$ oz. \$1.50.

Giant Trimardeau Pansy Mixture. A splendid strain of Pansies in many colors. A little less desirable and lower in cost than our Mastodon Mixture, but equal to any of the large-flowering mixtures offered. Pkt. 10c, $\frac{1}{4}$ oz. \$1.00.

Pansy-Violet, or Tufted Pansy. See Perennials.



Giant Ruffled Petunia

BALCONY PETUNIAS

Balcony Petunias. Either or both of these Balcony Petunias used in combination with Rosy Morn or Snowball in window boxes, vases or baskets make a most wonderful show. One of the handsomest porch boxes we have ever seen had Rosy Morn Petunias in the background and Balcony White along the front and drooping down from it. A valuable thing about Petunias for beds, vases or boxes is that they stay in bloom all season.

Balcony Rose. Pkt. 15c, 2 pkts. for 25c.

Balcony White. Pkt. 15c, 2 pkts. for 25c.

PORTULACA

This charming little hardy annual is unrivaled for brilliancy. Nothing is prettier for beds, edgings and rockwork, and it is frequently used to sow broadcast over sunny banks, etc. As an undergrowth for taller plants it is also valuable. The seed does not germinate until hot weather, and should be sown late. The flowers are of the richest colors and are produced all summer in great profusion. Average height, 6 inches.

Single-flowered Mixture of White, Golden Yellow, Striped Rose, Rich Rose, Crimson, Scarlet, Bright Yellow, Purple and Salmon. Pkt. 10c, ¼ oz. 25c.

Double-flowered Mixture, same colors as in Single-flowered. Flowers resembling tiny roses. Pkt. 10c.

PRIMULA—Primrose

Seeds sown in early spring make plants for fall and winter blooming.

Forbesii. Baby Primrose. Free bloomer. Pkt. 25c.

Malacoides. Lilac-blue. Pkt. 25c.

Obconica grandiflora. Best of the Primulas. Pkt. 20c.

Sinensis. Chinese Fringed Primrose. In various colors. Pkt. 25c.

PENNISETUM—Fountain Grass

Longistylum. Long, slender, green leaves and white plumes about 2 feet high. Pkt. 10c.

Ruppelianum. Purple plumes and graceful green foliage about 3 feet high. Pkt. 10c.

RICINUS—Castor-Oil Plant

Desirable for screens or the center of beds because of their large growth and the tropical appearance which they give to the plantings.

Zanzibarensis. Leaves often 2½ feet across, marked with brown and purple spots. Pkt. 10c, oz. 20c.

Mixed. Many Varieties. Pkt. 10c, oz. 20c.

PETUNIAS**GIANT-FLOWERED SINGLE VARIETIES**

For outdoor decoration, porch or window boxes, few plants equal the Petunia for effectiveness. They begin flowering early and continue to be a mass of bloom throughout the whole season until killed by frost. We know of no other flower more satisfactory. Start the Giant Flowered Petunias in the house and transplant outdoors in May. Bedding and Balcony Petunias can be sown outside in May.

Giant Ruffled. A Giant-flowering Ruffled Petunia in a wonderful variety of colors, ranging from pure white veined with lavender, crimson, rose, and gold to the almost black velvety crimson-maroon flower with its threads of white, yellow, lilac, and rose. Every color and combination of tints and colors is represented. All-Color Ruffled Giant Mixture, pkt. 20c.

DOUBLE PETUNIAS

Giant Fringed Double Petunias. A mixture of all colors, double flowers, ruffled, frilled and fringed. Pkt. 35c.

BEDDING PETUNIAS

Bedding Petunias, Large, Single, Blotched and Striped. Large, single flowers, blotched and striped in all the Petunia colors. Fine for bedding. Blooms a few weeks after planting and continues to bloom profusely until frost. All Colors Mixed, pkt. 10c.

Snowball. A small, compact-growing bush about 8 inches high. Satiny white. Blooms all season. Pkt. 10c, ½ oz. 50c.

Rosy Morn. Soft carmine-pink with white throat. Makes a dainty and effective border and is very beautiful when used in window boxes, garden urns and baskets. Blooms profusely all summer. Pkt. 10c, ½ oz. 75c.

ANNUAL POPPIES

Sow seed as early in spring as possible and repeat at intervals to keep up a succession of bloom. Full cultural directions on every packet of seed. If cut for the house just before they expand they will last several days.

Shirley, or Silk Single Poppies. These are, by far, the best of all single Poppies. They range in color from the purest white to the deepest crimson and blood-red, through all the intermediate shades of pale pink, rose, and carmine. Many are daintily edged and striped, and so varied are their colors that rarely are any two flowers alike. Pkt. 10c, ¼ oz. 20c.

"American Legion." See Novelties, on page 3.

Single Tulip Poppy. A very brilliant scarlet, single Poppy, shaped very much like a single tulip and 3 inches across. Grows 2 feet high. Pkt. 10c, ¼ oz. 15c.

Carnation - Flowered

Double Poppies.

Large, double flowers, ruffled and finely fringed at the edges. Their beauty in form and the many and wonderfully brilliant colors and combinations of colors of the flowers make them very popular in every garden. Pkt. 10c, ½ oz. 25c.

Peony-Flowered Double

Poppies.

A peony-shaped, large, showy Poppy in a wide range of wonderful colors. Pkt. 10c.



Shirley Poppies

SALPIGLOSSIS—Velvet Trumpet

Gardeners who do not know this beautiful trumpet-shaped flower should become acquainted with it. It deserves a place in every garden. Easily grown, blooms early, all summer long. The richly colored velvety petals, crimson, blue, primrose, white, yellow and purple overlaid and striped with silver and gold, beautiful beyond description. Emperor, All Colors Mixed, pkt. 10c, $\frac{1}{4}$ oz. 40c.

SALVIA—Scarlet Sage

The brilliant red flowers borne on long, stately spikes, standing well above the foliage and blooming until frost, give this plant a prominent place in every garden. Extensively planted in flower beds and as a border plant. Seed should be started in boxes or under glass in February and March and transplanting done when all danger of frost is past.

Bonfire (Clara Bedman). A compact-growing, early-flowering Salvia 2 feet high and 2 feet in diameter, covered with long spikes of brilliant scarlet flowers that stand clear above the dense, dark-green foliage and completely cover the plant. Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Splendens. The old favorite bedding variety. Scarlet flowers in great profusion on plants 3 feet high. Pkt. 10c, $\frac{1}{8}$ oz. 40c.

SUNFLOWER—Helianthus

Well-known, hardy annuals, small-flowering, valuable for cutting, the tall kinds for backgrounds. Chrysanthemum-flowered. Rich yellow, finely fringed, 6 feet. Pkt. 10c.

Extra-Double, Dwarf. From 3 to 4 feet high; golden yellow blooms. Pkt. 10c.

Mammoth Russian. Single-flowered, gigantic size. Oz. 10c.



Helichrysum



If Salpiglossis were better known it would be in every garden

SCHIZANTHUS—Butterfly Flower

Wistonsensis. A dainty annual, adapted for borders of tall-growing flowers or clumps of shrubs. All Colors Mixed, pkt. 10c, $\frac{1}{4}$ oz. 25c.

STRAW FLOWERS

AND OTHER EVERLASTINGS

Acroclinium. Plants are about 15 inches high. Flowers white or rose-pink; if cut when first opened, can be dried and used in winter bouquets. Double and Single Mixed, pkt. 10c.

Gomphrena (Globosa). About 18 inches in height, with flowers similar to those of clover. Mixed Colors, pkt. 10c.

Helichrysum (Straw Flower). The Straw Flower, and one of our best Everlastings. Plants about 2½ feet high; double flowers, which if cut when in half bud and dried, will retain their color for years.

Fire Ball. Deep crimson.	Rose Queen. Old rose
Golden Ball. Yellow.	Salmon Queen. Salmon-pink.
Silver Ball. Silvery white	Violet Queen. Deep violet.

Pkt. 10c, 1 pkt. of each of the 6 colors, 50c. All Colors Mixed, pkt. 10c, $\frac{1}{4}$ oz. 25c.

Honesty (Moonwort, Satin Flower). Hardy biennials, admired for their silvery seed pouch. Used for bouquets and house ornaments when dried. Pkt. 10c, $\frac{1}{4}$ oz. 25c.

Physalis Franchetti (Chinese Lantern Plant). Ornamental variety of Winter Cherry producing freely bright orange-scarlet lantern-like fruits. Pkt. 10c.

Rhodanthe. Plants grow 9 to 12 inches high, blooming early and continuing for a long time. May be dried for winter bouquets. Mixture of White and Pink, pkt. 10c.

SWEET PEAS SPENCER ORCHID-FLOWERED

From the long list of Sweet Peas of this new and wonderful class, we have selected eight which in our judgment and experience are the best for the garden. New kinds, if they are better than the ones now on your list, will be added as they are produced.

America. White ground, heavily flaked and striped with bright crimson-scarlet.

Asta Ohn. Charming soft lavender, suffused with mauve.

Captain of the Blues. Deep rich blue, with tinge of red.

Constance Hinton. Pure white of enormous size.

Countess Spencer. Clear, soft, rich pink, deepening at edges.

Dobbie's Cream. Deep cream; petals fluted and waved.

Elfrida Pearson. Giant blush pink.

King Edward VII. Pure red. Very fine.

Each of above, pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.00

Spencer Orchid-Flowered Mixture

A very good way to see and learn about the many kinds and colors of this superb Sweet Pea is to plant seed of our mixture. In it are practically all the hundred or more best named kinds in their colors and combinations. A packet or two will make a gorgeous display in your garden. All Colors, Mixed, pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 85c, lb. \$2.75.

H. & V. GRANDIFLORA SWEET PEA MIXTURE

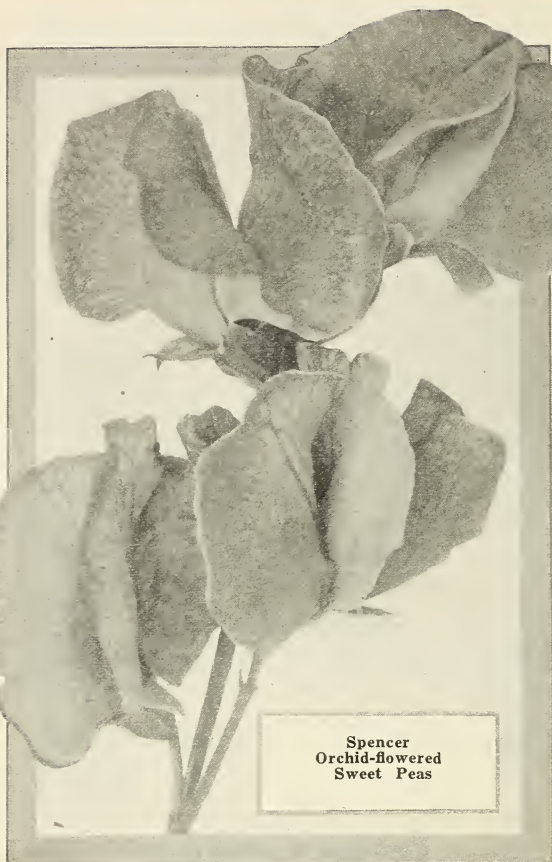
Only the best of the old-fashioned Sweet Peas. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.

SCABIOSA—Mourning Bride

This hardy annual deserves a space in your garden. It is very easily and quickly grown, blossoms very freely during the summer and fall, and is one of the finest of all cut-flowers for the house. Blooms are borne on long stems, are very double and of many colors. We offer a Special Mixture of these colors—Light Blue, Cherry-Red, Crimson, Flesh-Pink, White, Rose, Deep Maroon, Purple edged White, and Yellow. All Color Mixture, pkt. 10c, $\frac{1}{4}$ oz. 25c.

THUNBERGIA—Black-Eyed Susan

A trailing plant, useful for window-boxes, vases, and similar plantings. White, buff, yellow, with dark eye. Mixed Colors, pkt. 10c.



Spencer
Orchid-flowered
Sweet Peas

Inoculate your Sweet Pea Seed with Farmogerm. More blossoms, much more brilliant colors. See Page 49.

TEN-WEEKS' STOCKS

The Stock has all the desirable qualities for a garden and house flower. Easily grown; fine foliage; fragrant; free blooming; and a wide range of color. Sow seed in garden early in May. If plants that begin to bloom late are potted in fall they will flower finely all winter in the house.

Cut-and-Come-Again Stocks. Begins blooming in June and continues until frost. Double, fragrant flowers. Height 18 inches. All Color Mixture, pkt. 10c.

Early Large-Flowering Stocks. Large, fragrant, double flowers on many-branched plants 2 feet high. Sow seed inside in February. Plants will bloom in the garden from midsummer until frost. All Color Mixture, pkt. 10c.

MAMMOTH VERBENAS

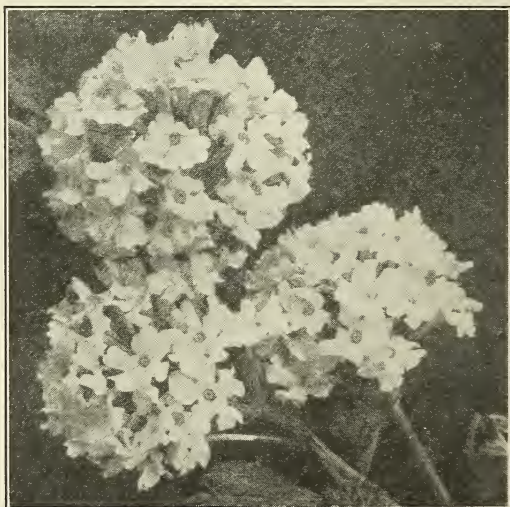
For beds and massing, for gorgeous display from July until frost these annuals cannot be excelled. Sow seed in the garden in May. Scarlet, White, Blue, Pink, in separate packets, each 10c. Collection of one packet each of these four colors, 30c. Mammoth Verbenas, All Colors, Mixed, pkt. 10c, $\frac{1}{8}$ oz. 30c.

Royal Bouquet. New upright, large flowered Bush Verbena.

See New and Specially Good Flowers, page 3.

WALLFLOWER

Seed sown early in the spring will produce blooming plants in early June. Flowers are of varying colors and exceedingly fragrant. Single Varieties, Mixed. Pkt. 10c.



Mammoth Verbenas

NEW ZINNIAS

Probably no flower has such an assortment of bright shades, tints, and colors, and no bedding plant is more effective for a brilliant show than the Zinnia. It blooms from early summer until hard frost finally cuts it down. This old-fashioned bedding plant, whose popularity is being increased every year by the addition of many new and remarkably beautiful varieties and colors, deserves a most prominent place in your garden. Sow the seed early in the spring. Give the plants plenty of room to get the largest and greatest number of blooms. All flowers need to be well fed to get the best results. Use "Grozit Brand" sheep manure or bone meal. Priced on Page 21.

Giant-Flowering Zinnias

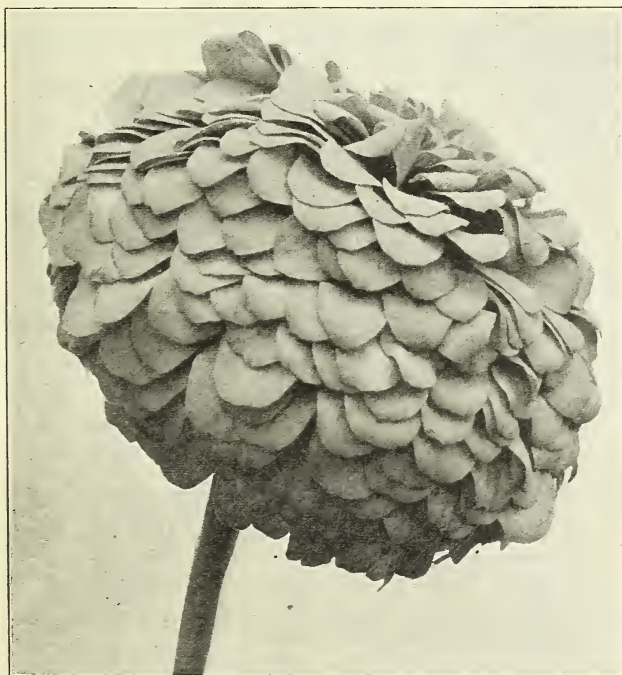
These are the largest of all Zinnias whose broad, flat, velvety petals are piled upon each other in row after row until the flowers are Giant Balls of Bloom, often measuring 6 inches in diameter and 4 inches in depth. Giant Zinnias come in wonderful shades and colors that cannot be found in any other flower. The plants of this Zinnia are very strong growing, making a bushy plant about 3 feet in height and should be given plenty of room to fully develop the giant blossoms that are borne so freely on long, stout stems from early summer until late in the fall.

We grow these in separate colors and also offer them in a splendid mixture covering a wide range of unusual shades that will make a most attractive bed or border.

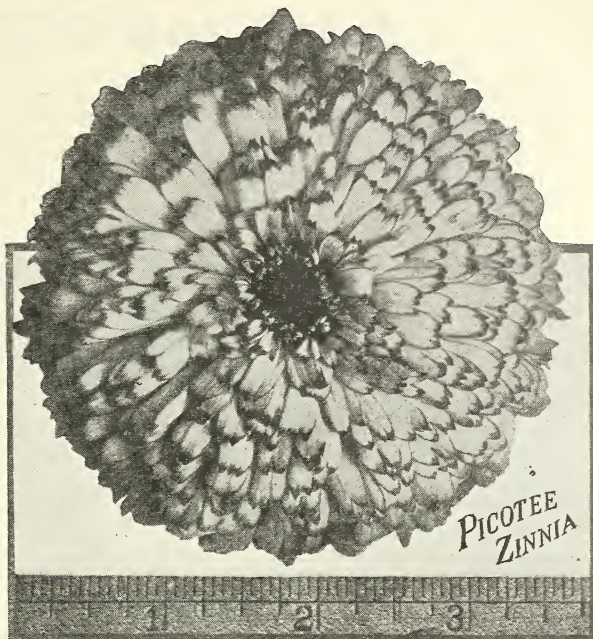
Deep Crimson	Rose Pink	Cream White
Bright Scarlet	Wine Purple	Golden Yellow

Price each of above colors, pkt. 15c, $\frac{1}{4}$ oz. 40c.
Collection of above colors, 1 pkt. of each of 6 colors, 75c.

Giant Flowering Zinnia, mixture of all colors, pkt. 10c, $\frac{1}{4}$ oz. 35c.



Giant-Flowering Zinnia



New Picotee Zinnia "La France"

This new Picotee Zinnia we are offering for this year is the handsomest we have yet seen of this type of flower. Its soft, pink petals, edged with rich chocolate color, make such a contrast yet harmony of color that it well deserves your attention and a prominent place in your garden. If you are fond of Zinnias of any kind you will want some of these new Picotees. A packet of seed will make you about 30 plants, enough for a good-sized bed or border. Save room for them. They well deserve it.

Price of Picotee Zinnia La France, pkt., 20c.

Picotee Zinnia, Mixture of Colors, including Yellow tipped red, Purple tipped yellow, Buff tipped chocolate, Scarlet tipped yellow, Gold tipped maroon and many others. Pkt. 15c, 2 pkts 25c.

Curled and Crested Zinnias

This very remarkable form of this Zinnia with its narrow, fluted, twisted and curled petals and very large, double flowers on tall, strong stems is worthy of a place in your garden. This comes in a very choice mixture of all the colors you will find in the Giant-flowering variety. Pkt. 15c, 2 pks. 25c.

Dahlia Flowered Zinnias

The plants of this new Zinnia are very sturdy and produce many flowers with stout stems. The broad petals are very closely put together, sometimes seeming almost piled upon each other. Blooms often measure 4 inches in depth and 5 to 6 inches in diameter. In bloom from July until frost. Our Special Mixture includes these colors: Golden Yellow, Burnt Orange, Old Rose, Mauve, Cerise, and an endless range of shades of Pink and Rose. Pkt. 15c, 2 for 25c.

VINCA

Flowers are produced during the whole season; plants may be potted and kept in bloom throughout the winter. Mixed Varieties and Colors. Pkt. 10c.

DAHLIAS FOR THE GARDEN

CACTUS DAHLIAS

- Attraction.** A Giant Hybrid Cactus whose 6-inch flowers are composed of gracefully arranged broad petals curled and twisted, of a clear lilac-rose. Each, 90c.
- Amelia Dufour.** Delicate salmon-tinted petals with a beautiful pink stripe. Each, 25c.
- Bouquet Blanc.** Pure white flowers with long, twisted petals. A new type Cactus. Each, 45c.
- Country Girl.** Deep golden yellow petals with bright amber tips; the bold flowers appear very early and remain large right up till frost. Each, 30c.
- Else.** Salmon-pink slightly suffused yellow. A good bloomer and very pretty. Each, 25c.
- Fulgent.** A free and constant bloomer bearing brilliant scarlet flowers with long incurving petals on strong stems. Each, 30c.
- Golden Gate.** A very large hybrid Cactus of a rich deep golden-yellow suffused and shaded fawn. Long, stiff stems and a very free bloomer. Each, 40c.
- High Sheriff.** A finely formed Dahlia of exceptional merit. Chrome yellow at base of petal, shaded rose-pink and tipped old rose. Each, 35c.
- Jupiter.** By far the best fancy Cactus. It has three distinct colors, pink ground with distinct yellow base, the whole striped and splashed with bright crimson. Each, 40c.
- Kalif.** A truly majestic flower frequently measuring over 9 inches in diameter. These pure scarlet flowers are held erect on strong, stiff stems. A useful and effective variety for cutting and garden decoration. Each, \$1.00.
- Melody.** One of the best of the newer varieties. A clear yellow tipped with white. Each, 50c.
- Rev. T. W. Jamieson.** Large flowers on upright, strong stems; petals incurved toward center, color yellow, changing to lilac-rose. Each, 35c.
- Southern Belle.** The best black Cactus. A rich crimson maroon flower of large size. Each, 35c.
- Tokio.** Pinkish salmon, shading to yellow at base of petals; flowers are of immense size. Each, 35c.
- Union Jack.** Bright red, shaded and tipped white. Very free flowering. Attracted great attention at the Rochester Exposition, where we exhibited these varieties last Fall. Each, \$1.00.

Collection of one each of the 15 grand Dahlias,
\$6.75 postpaid

SINGLE DAHLIAS

- Brenda.** Clear white, edged scarlet. Each, 25c.
- Yellow Century.** A clear canary yellow, holding its blooms well above the foliage. Each, 25c.
- Pink Century.** A delicate soft pink flower. Each, 25c.
- Prince Ferdinand De Bulgarii.** The odd markings of this single flower drew more attention from Flower Show visitors than any other kind. Each petal is divided into three equal stripes, those on either edge being a brilliant scarlet with the center one a pure snow white. Very smart looking and reminds one of the American flag. Each, 60c.

Collection of one each of above kinds, \$1.20, postpaid

POMPOM DAHLIAS

- Adrienne.** Crimson scarlet tipped with yellow.
- Eleganta.** Deep soft pink, edged with rose.
- Ganemede.** Buff, tinted pink.
- Little Beeswing.** Golden yellow, deeply and prettily edged with bright cherry red.
- Midget.** Salmon, suffused with violet.
- Each of above kinds, 25c.
- Collection, one of each, \$1.35, postpaid

DECORATIVE DAHLIAS

- The largest-flowering of any type. They have long, broad, flat petals and are rapidly growing in popularity.
- Alice Roosevelt.** White shaded lilac, strong stems, free flowering. Each, 25c.
- King of the Autumn.** Buff yellow, suffused with terracotta; one of the best. Each, 60c.
- Meadow Gold.** Giant flowers, primrose yellow in color, faintly tinged with delicate pink. Each, 30c.
- Manitou.** Immense flowers, often 8 inches in diameter. Amber bronze with a distinct shading of pink. One of the largest in our exhibit of over 100 varieties. Each, 35c.
- Princess Juliana.** Pure white, well formed flowers on long stems. Each, 25c.
- Ruth Forbes.** Clear pink blooms with heavy petals on stems 2 feet in length. Each, 20c.
- Souvenir De Gustave de Douzon.** Largest of all Dahlias. These immense flowers are of a rich scarlet and are borne in great profusion. Each, 20c.
- Yellow Colosse.** A long-stemmed, clear yellow Dahlia of perfect form. A very good garden variety. Each, 35c.

Collection of one each of the 8 kinds, \$2.30, postpaid

PEONY-FLOWERED DAHLIAS

- Aurora.** Orange-salmon blossoms on free-flowering, strong growing plants. Each, \$1.00.
- Chatenay.** A splendid flower on long, stiff stems, of a soft carmine-rose shaded crimson. Each, 35c.
- Glory of Baarn.** Brilliant pink, finely formed flowers often measuring 7 inches across. Each, 40c.
- H. J. Loverick.** This white, shaded lilac flower was always an attraction at Flower Shows. Each, 50c.
- Sneeweijsje.** A beautiful pure white, extra large flower that blooms very freely. Each, 35c.
- Yellow King.** Clear yellow, large, elegant flower on long, stiff stems. Each, 50c.

Collection of each of these six Dahlias, \$2.80, postpaid

SHOW DAHLIAS

- A. D. Livoni. (Ethel Vick).** Splendid clear pink, beautifully quilled, of perfect form on long stems. Each, 20c.
- Grand Duchess Marie.** Each petal perfectly quilled, of a rich buff color overlaid with orange. Each, 25c.
- Governor Guild.** Pure white Dahlia of very large size. Each, 30c.
- H. W. Williams.** Large, rich crimson flowers. Each, 25c.
- Parker's Yellow.** Deep yellow flowers of fine form on very long, strong stems. Each, 25c.
- W. W. Rawson.** The beautiful flowers of this Dahlia, with their pure white color overlaid with amethyst blue, was a favorite with the visitors at the Flower Show where we exhibited last season. Each, 25c.

COLLARETTE DAHLIAS

- Dainty.** A rim of the softest pink outer petals surrounding a crested collar of lemon-yellow. Each, 25c.
- Dr. Rene Gerard.** This wonderfully attractive Dahlia has a ruffled primrose collar around which are magenta purple petals splashed with white. Each, 25c.
- Madam Poirier.** Deep violet petals surrounding a crest of purest white. Each, 25c.
- Souvenir de Chabanne.** Lemon-yellow with coral-red markings; collar lemon-yellow tipped white. Each, 30c.
- A collection of each of these four kinds, 90c, postpaid



Washington Mixture of Gladioli

This is made up of the finest reds, scarlets and other rich, dark colors, some named kinds, others new seedlings not yet on the market. It's a splendid collection of the warmer colors. 70c per doz., \$5.00 per 100.

Orchid Flowering Mixture

In this collection are the blues, lavenders, creams, new varieties named and some too new to be named. This is a great mixture of colors. You will like them all. 95c per doz., \$6.50 per 100.

GIANT-FLOWERING CANNAS

For best effect, plant in masses of one color, setting out the plants 2 feet apart in beds which should be spaded 2 feet deep, earth well mixed with manure, and kept watered thoroughly.

25c each, \$2.50 per doz., \$15.00 per 100

Gladiator. A rugged, strong-growing variety. Flowers bright yellow, thickly spotted with crimson. Blooms freely all summer.

King Humbert. A brilliant orange-scarlet flower, with bright red shadings. Large trusses of bloom, the individual flowers often measuring 6 inches across. Foliage rich reddish bronze, with lighter shadings. Finest red-foliaged and flowered variety. Height 5 feet.

Orange Bedder. Attractive bright orange flowers, suffused with scarlet. Very free-blooming and growing 5 feet high.

Pennsylvania. Deep scarlet flowers of immense size. Grows 6 feet high.

Wyoming. Orange-red, orchid-flowered; bronze foliage. A massive-growing sort, about 6 feet high.

GLADIOLUS

These are the most attractive and useful of the summer flowering bulbs. For display in the garden and as a cut flower in the house they are unequalled. Can be grown anywhere and by planting a few bulbs 10 days apart, beginning in the early spring, wonderful blooms may be had until late in the fall. Our list of varieties is not very long, but we believe it contains the best kinds of each color for garden culture.

America. One of the finest varieties for cutting and bedding; clear lavender-pink. 7c each, 75c per doz., \$5.00 per 100.

Augusta. Pure white, with blue anthers. 7c each, 75c per doz., \$5.00 per 100.

Baron Hulot. Rich, deep indigo-blue. The best of its color. 10c each, \$1.00 per doz., \$7.50 per 100.

Brenchleyensis. Vermilion-scarlet. An old popular variety. 6c each, 60c per doz., \$4.50 per 100.

Chicago White. Pure white. 7c each, 75c per doz., \$5.00 per 100.

Glory of Holland. Large white flowers on tall spike. Very good. 10c each, \$1.00 per doz., \$7.50 per 100.

Halley. Delicate salmon-pink, creamy blotch on lower petals. 7c each, 75c per doz., \$5.00 per 100.

Independence. Light scarlet, richly marked throat. Fine for cutting. 7c each, 75c per doz., \$5.00 per 100.

War. Tall spikes, filled with large blood-red flowers. 15c each, \$1.50 per doz., \$10.00 per 100.

Mrs. Francis King. Flame-pink; tall spike; large flowers. 7c each, 75c per doz., \$5.00 per 100.

Mrs. Frank Pendleton, Jr. A large, lovely, salmon-pink flower, with brilliant, deep red blotches in the throat. One of the finest varieties yet introduced. 10c each, \$1.00 per doz., \$7.50 per 100.

Niagara. Soft, creamy yellow, splashed with carmine. Best yellow for cutting or bedding. 10c each, \$1.00 per doz., \$7.50 per 100.

Panama. Has all the good qualities of America. Color rich rosy pink. 10c each, \$1.00 per doz., \$7.50 per 100.

Peace. Immense, pure white flowers with faint markings of carmine on lower petals. 10c each, \$1.00 per doz., \$7.50 per 100.

Ruffled Glory. Creamy white, crimson stripe on lower petals; large ruffled flowers. 10c each, \$1.00 per doz., \$7.50 per 100.

Schwaben. Delicate pale yellow, dark blotch; large spike and flower. 12c each, \$1.25 per doz., \$8.00 per 100.

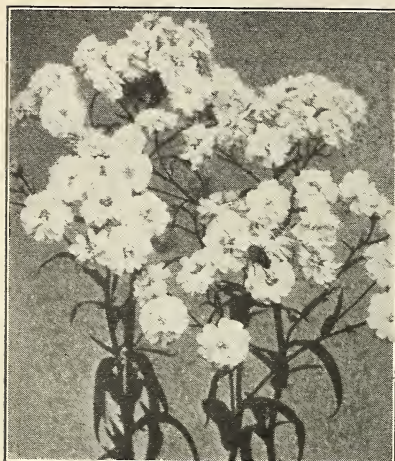
MONTBRETIAS

Visitors at the Flower Show at the Rochester Exposition last fall will remember the gorgeous colorings in the several vases of Montbretia in our exhibit. This most showy of summer-flowering bulbs produces numbers of long, graceful spikes of brilliant star-shaped flowers, 1½ to 2 inches across, scarlet, orange and vermilion, dotted and spotted with yellow, purple and maroon.

Mixed hybrids, 6c each, 60c a doz., \$4.75 per 100.

TUBEROSES

These delightfully fragrant and beautiful summer flowering bulbs should be planted early in the spring and at intervals as late as July for a succession of flowers all season long. For extra early flowers start them inside in February or March and transplant to the garden in the spring. You can also grow them in pots for house blooming and have Tuberozes in bloom the year around. Strong bulbs, 5c each, 50c per doz., \$3.00 per 100. Mail prepaid.



Achillea—"The Pearl"

ACHILLEA—Milfoil or Yarrow

"The Pearl." (See cut.) Pure white flowers, borne in greatest profusion the entire summer on strong, erect stems, 2 feet high; very popular as a cut flower.

ANCHUSA ITALICA

Plants 4 feet high, covered with spikes of rich blue flowers in May and June, two months of the year when blue-flowering varieties are not over-numerous. Very effective either in solid beds or in the hardy border. Will grow in any good garden soil. Seed, pkt. 10c.

ANTHEMIS—Golden Marguerite

Pretty, hardy plant with finely divided leaves, growing to a height of 2 to 3 feet. Bears, throughout the summer, an abundance of long-stemmed, golden yellow, daisy-like flowers.

ARMERIA Sea Pink or Cliff Rose

A very pretty dwarf, easily grown plant, very useful in the rockery and border. Bears numbers of very double pink flowers. Foliage bright evergreen. Height 1 foot. Blooms in May, June and July.

ARABIS ALPINA—Rock Cress

One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock-garden, but does equally well in the border. Pure white flowers. Seed, pkt. 10c.

Strong Clumps of Plants, Well Packed, Bring Results

I wish to say that the Hardy Chrysanthemums I bought last spring are most beautiful and am more than pleased. They are the envy and admiration of all the neighbors.

Mrs. W. F. Kohman, Waterloo, N. Y.

The Best of the Hardy Plants for an Old-Fashioned Garden

The popularity of Hardy Plants is steadily increasing, and few gardens are without them in beds or borders. Our list comprises the best of the Perennials for the garden, varieties in all colors that will give you bloom from early spring until frost. We offer Perennials in seed and in strong field-grown plants. Seed may be sown outdoors in the early spring or summer, or in a coldframe and later transplanted to the open ground.

Plants are sent by express and parcel post. If wanted by mail, please allow postage as follows: Single plants, 5c; 3 plants, 10c; more than 3 plants, 10 per cent. of total amount of plant order.

All plants on this page, 30c each, \$3.00 a dozen

Where seed of a perennial is carried in addition to the plant, it is so listed under the description.

ALYSSUM—Basket of Gold

An indispensable plant for the rockery or border, growing 1 foot high, and producing in May masses of broad, flat heads of bright yellow flowers. Seed, pkt. 10c.



Aquilegia—Long-spurred Hybrids

AQUILEGIA—Columbine

One of the most elegant and beautiful of hardy plants, producing an abundance of graceful, peculiar-shaped flowers, on long stems. Very hardy and easily grown, they make a very fine plant for the garden and are excellent as cut-flowers for the house. Height 2 to 3 feet.

Caerulea. Rocky Mountain Columbine. Bright blue-and-white, long-spurred flowers. Seed, pkt. 10c.

H. & V. Long-spurred Hybrids. (See cut.) A large-flowering, much admired type of Columbine, in a great variety of colors—blue, white, yellow, pink, cream, lavender, red, scarlet, and orange. Seed, All Colors Mixed, pkt. 10c.

ANEMONE—Windflower

Whirlwind. (See cut.) This double variety has the habit of all the other good qualities of the Single White Japanese Anemone, with the additional ones of greater hardiness and more lasting blooms. The flowers are 2½ to 3 inches across, and have several rows of white petals. The plants grow from 2½ to 3 feet in height.

Queen Charlotte. Early-flowering, vigorous grower. Begins flowering in August, and continues until November, becoming more attractive each day. Flowers semi-double, broad, perfectly formed and of a delightful shade of silvery pink.

HARDY ASTERS

(Michaelmas Daisies or Starworts)

Deserve an important place in all hardy beds and borders. Their dainty and bright colored blooms come at a time when other flowers are scarce. Very fine for cut-flowers. Height 2 to 3 feet.



Anemone—Whirlwind

CAMPANULA—Bellflower

Indispensable, bell-shaped, hardy garden flowers of a great variety of form, some tall, others dwarf, compact little plants, suitable for edging and rockwork. These should be in every hardy bed and border.

Plants of all varieties, 30c each, \$3.00 per doz.

Medium. The old-fashioned single Canterbury Bells. (See cut.) The most showy of all Campanulas—a pyramid 3 to 4 feet high, crowded with large bell-shaped, porcelain-blue, rose-pink and white flowers in August. Seed, All Colors Mixed, pkt. 10c, 1/4 oz. 25c.

Calycanthemum. Cup-and-Saucer Canterbury Bells. Pink, blue, and white flowers on strong plants 2 feet high, blooming from June to August. Seed, All Colors Mixed, pkt. 10, 1/4 oz. 75c.

Persicifolia. Peach Bells. Blue, bell-shaped flowers, borne on strong plants 2 feet high. Blooms in June and July.

Persicifolia alba. White Peach Bells.

Carpatia. Harebell. Dwarf-growing plant 9 inches high. Blue, bell-shaped flowers. Blooms all summer long. A very fine edging plant for the hardy bed, border or in the rockery.

Carpatia alba. White flowered form of above.

Pyramidalis. Chimney Bellflower. Tall-growing plants, forming a pyramid 4 to 6 feet high, bearing quantities of bell-shaped porcelain blue flowers in August.

HARDY CANDYTUFT Iberis

An early spring-blooming evergreen plant that is very fine for borders, rockeries, etc. Toward the end of May and during June the

entire plant appears as if covered with a sheet of snow. A real old-fashioned flower growing in popularity.

Sempervirens. Masses of pure white flowers 1 foot high. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c, 1-16 oz. 40c.

Gibraltarica. Large, lilac flowers. plants about 20 inches high. Seed, pkt. 10c.

CENTAUREA MONTANA

(Perennial Corn Flower)

A very attractive and showy plant growing 2 feet high and bearing large violet-blue flowers from July to September. It delights in a sunny position and produces a wealth of bloom, making a fine display in the garden and an excellent flower for cutting. Plants, 25c each, \$2.50 per doz.



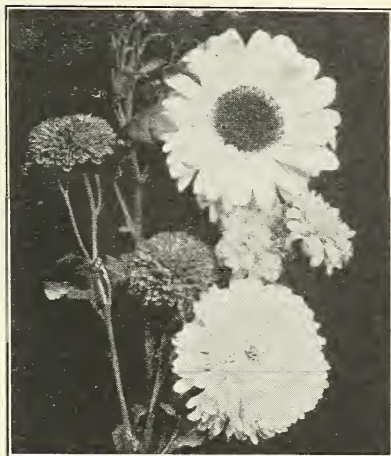
Coreopsis Grandiflora

COREOPSIS GRANDIFLORA

(See cut.) One of the most popular, hardy plants, bearing bright golden yellow flowers of a graceful form. Plants very hardy, 2 to 3 feet high, and covered with bloom from June until frost. Will do well anywhere. Valuable for cutting. Be sure and have a group of these plants in your garden, they are easily grown and are always satisfactory. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c, 1/4 oz. 25c.

HARDY CARNATIONS

A very fine border and bedding plant that flowers in June and July and whose silvery green foliage remains evergreen throughout the winter. They grow 6 inches high and come in various beautiful tints and colors. Plants, 25c each, \$2.50 per doz.



Button and Large Flowering Hardy Garden Chrysanthemums

HARDY GARDEN CHRYSANTHEMUMS

The well-deserved popularity of this unequalled perennial is growing very rapidly. New and improved varieties are being brought out each year and are making Hardy Chrysanthemums a very wonderful flower for the hardy garden and for house flowers, both potted and cut. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been destroyed by frost and are looking their worst. As cut-flowers, they have no equal for lasting qualities. They will remain fresh several weeks.

Julia la Grave. Rich garnet-red; large double flowers.

Golden Climax. Golden yellow, button flowers.

Sovereign Melaine. Pure white; very large double.

Rufus. Quantities of golden bronze button flowers on long stems.

Elva. Button flowers of pure white.

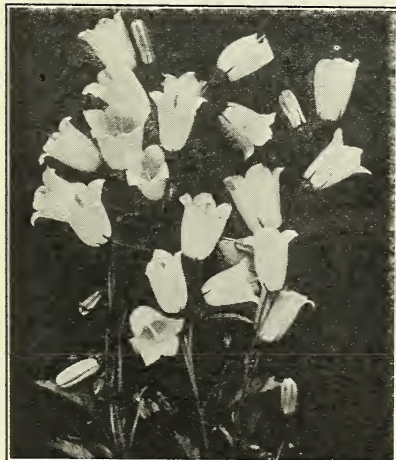
Acto. Deep rose pink; large very double flowers.

Minta. Shell pink button flowers; very fine; free flowering.

Etoile d'Or. Very large, yellow, aster-flowered. Plants, 25c each, \$2.50 per doz.

The Flower City Collection of Hardy Chrysanthemums

One large plant of each of the above varieties, labeled as to variety and carefully packed in damp moss to travel safely any distance, postpaid to you for \$1.75.



Canterbury Bells (Campanula Medium)

DELPHINIUM or HARDY LARKSPUR

Strong, field-grown clumps of plants, 30c each, \$3.00 per doz.

These are the most popular of all the Hardy Plants for the garden. The tall spikes of lovely blue flowers standing erect above the dark green foliage make a wonderful display. They begin to bloom in June and by cutting the plants to the ground as the crops of flowers fade a second and third lot of bloom may be had. The flower stalks are very brittle and should be staked to keep from being blown over by the wind. Fertilize well around the roots with bone-meal and in the late fall sift coal ashes over the crowns to protect them from grubs. Plant several clumps of these in your garden. We know you will be delighted with them.

Belladonna. Freest and most continuous bloomer of all, flowers from the end of June until after frost. Plants 2 to 3 feet high, bearing mammoth spikes, turquoise-blue flowers. Seed, pkt. 15c, 1/16 oz. 45c.

Bellamosum. A dark blue form of the popular light blue Belladonna. We consider this much better than the old favorite light blue Formosum, as it is a very sturdy grower, free bloomer, and has all the other good qualities that make a successful hardy garden plant. Flowers from June until frost. Grows 3 feet high. Pkt. 20c.

Formosum. The old-fashioned dark blue, white center. Seed, pkt. 10c, 1/8 oz. 40c.

Nudicaule. Bright scarlet flowers in June and July. Height 2 feet. In seed only. Pkt. 10c.

H. & V. Large-flowering Hybrids. A very fine strain of hybrids. Large flowers, all shades of light and dark blue. In seed only. Pkt. 10c, 1/8 oz. 50c.

BELLIS PERENNIS

(Double English Daisy)

Plants, 15c each; \$1.50 per doz.

Seed, pkt. 10c.

Longfellow. Extra-large, rose-pink, full double flowers.

Snowball. Flowers pure white, full double.

Mixed Colors. Seed, 1/8 oz. 50c.

LITTLE GEM FEVERFEW

A useful, dwarf border plant; large double white flowers from June to October. Plants, 25c each, \$2.50 per doz., \$15.00 per 100. Seed, pkt. 10c, 1/8 oz. 30c.

DAY LILY—Funkia

The Day Lilies are superb flowers, desirable for planting on the side of a lawn or at the edge of shrubbery. Easily grown and do well either in sun or shade.

White. Blooms in August and September. 2 feet high.

Lavender. Blooms in July. 1 foot high.

Yellow. Blooms in June and July. 3 ft.

Aurantica major. Orange-yellow.

Blooms from June to August. 3 ft.

Plants, 25c each, \$2.50 per doz.

HELIANTHUS—Hardy Sunflower

Maximilianii. Of unusual merit. plants 7 feet high. Blooms from early September to November. Outside petals rich yellow, center reddish brown.

Multiflorus. Best of hardy doubles. Flowers deep yellow, about size of silver dollar. Blooms in July and August. Height 4 feet.

Plants, 25c each, \$2.50 per doz.

DIGITALIS—Foxglove

The old-fashioned, stately Foxgloves are popular in gardens everywhere. The long flower-spikes, 4 to 6 feet high, rising above the rich green foliage, make a wonderful show and add to the beauty of any garden. Bloom in June and July. Plants, 30c each, \$3.00 per doz. Seed, All Colors Mixed, pkt. 10c, 1/8 oz. 30c.

GAILLARDIA GRANDIFLORA

(Blanket Flower)

Flowers 2½ to 3½ inches in diameter, dark red, brown centers, petals marked with rings of brilliant crimson, orange, and vermillion. Blooms all summer. Height 1½ to 2 feet. Plants, 30c each, \$3.00 per doz. Seed, pkt. 10c, 1/8 oz. 30c.

GYPSOPHILA PANICULATA

(Baby's Breath)

One of the best hardy flowers for working in with bouquets. May also be dried and used with everlasting flowers. Blooms in August and September. Flowers pure white. Height 2 to 3 feet. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c, 1/8 oz. 25c. For New Double White Gypsophila, see Novelty pages, 2 and 3.

EULALIA

Handsone, tall, ornamental grasses for the open lawn, or in clumps in shrubbery.

Japanese Pampas Grass. Red-brown. 4 feet high.

Gracilis. Red-brown. 5 feet high.

Variegated. Red-brown. 5 to 6 feet high.

Zebrina. Red-brown. 5 to 6 feet high.

Plants, 25c each, \$2.50 per doz.



Digitalis or Foxglove

GIANT HOLLYHOCKS

Everyone is familiar with the old-fashioned Hollyhock, growing from 5 to 6 feet in height, covered with large, double flowers.

Double Pink, Double Rose, Double White, Double Maroon. Plants, 25c each; \$2.50 per doz. Seeds, All Colors Mixed, pkt. 10c, ¼ oz. 40c.

Exquisite. A new Hollyhock is described on Page 3.

SIX NEW IRIS GERMANICA

The Iris is one of the finest, if not the finest, of our hardy plants. Not particular as to soil or location, but asking only that the sun shine on it, it throws up spikes of bloom that are marvelous in their delicacy of structure and the colorings which are exquisitely dainty are wonderful in their blendings and variety. They are very effective planted in groups and if used for borders are particularly desirable in that the foliage remains fresh and upright after the blossom stalks are removed.

Brooksiana. Giant flowers with light pink standards and rose pink falls.

Lorely. Cream yellow standards, ultramarine blue falls veined with creamy-white and bordered sulphur-yellow.

Lohengrin. Foliage and flowers of gigantic size, petals 2 inches wide, soft lilac rose.

Niebelungen. Standards fawn yellow, falls violet blue with creamy-white edge.

Princess Victoria Louise. Sulphur-yellow standards, violet-blue falls with fawn margin.

Rhein Nixe. Standards pure white, falls deep violet with white edge.

Plants, each, 50c; dozen, \$5.00

BETTER KNOWN IRIS

Aurea. Cream-colored standards, golden yellow falls. 10 inches high. **Celeste.** Standards and falls delicate azure blue. 32 inches high.

Florentina alba. Pure cream-white, free flowering fragrant. 27 inches high.

Othello. Standards rich blue, falls velvety purple. 22 inches high.

Pallida Dalmatica. Clear lavender blue standards, falls darker lavender. 40 inches high.

Plicata. Standards and falls bright violet purple. Each, 25c; dozen, \$2.50



Lorely Is a Handsome German Iris

IMPERIAL JAPANESE IRIS

The magnificent Iris Kaempferi belongs to the Apogons, and a field of them in bloom is a most gorgeous sight. Seeing them for the first time, one cannot withhold an exclamation of surprise, and having once seen can never forget their striking beauty.

Gold Bound. A fine double pure white, enriched by a creamy yellow glow from the gold-banded center. Each, 40c.

Purple and Gold. Enormous double flowers, 10 inches across, free blooming, one of the best. Rich violet purple with white petaloids tipped violet, golden throat. Each, 40c.

Mrs. Harding. Six-petaled flowers of the largest size on longest stems. Cerulean blue, golden center radiating white lines. Standards dark blue. Very attractive. Each, 60c.

Kuino-No-Obi. (Bank of Cloud.) Very full flower of bright, clear purple with distinct rays and halo of white around golden throat, pure white standards tipped purple. Each, 50c.

LATHYRUS—Perennial Pea

Decorative climbing vine similar to sweet peas, but without their fragrance. Fine for cutting. Deep rosy red. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c, oz. 80c.

LILY-OF-THE-VALLEY

Thrives in almost all kinds of soils and especially adapted to shady places. Plants, 30c each, \$3 per doz.

LOBELIA CARDINALIS—Cardinal Flower

Flowers intense cardinal-red, on long spikes in August and September. Very attractive. Plants, 30c each, \$3.00 per doz. Seed, pkt. 10c.

LYCHNIS—Campion

Chalcedonica. Maltese Cross. Bright vermilion flowers, blooming in June and July. Height 2 feet. Plants, 25c each. Seed, pkt. 10c. **Viscaria.** Ragged Robin. Rose-colored flowers in June. Height 1 foot. Plants, 25c each. Seed, pkt. 10c.

Haageana. Brilliant orange-scarlet flowers in May and June. Seed, pkt. 10c.



Japanese Iris, Majestic Flowers on Tall Stems

PEONIES

This easily-grown, very hardy plant, requiring no protection even in the most severe climate, and increasing in beauty each year, is a general favorite in every garden. Their wealth of bloom, gorgeous coloring, and fragrance makes them rivals of the finest roses. Do not plant Peonies too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Give them an abundance of water during their growing season.

F. Rousseau. Velvety red; very large flower.
Festiva maxima. White, with blood-red stains in center. One of the largest and most popular.

Mme. Forei. Bright deep pink, thick, velvety petals.

Officinalis Rubra. Early; large red flowers. The Decoration Day Peony.

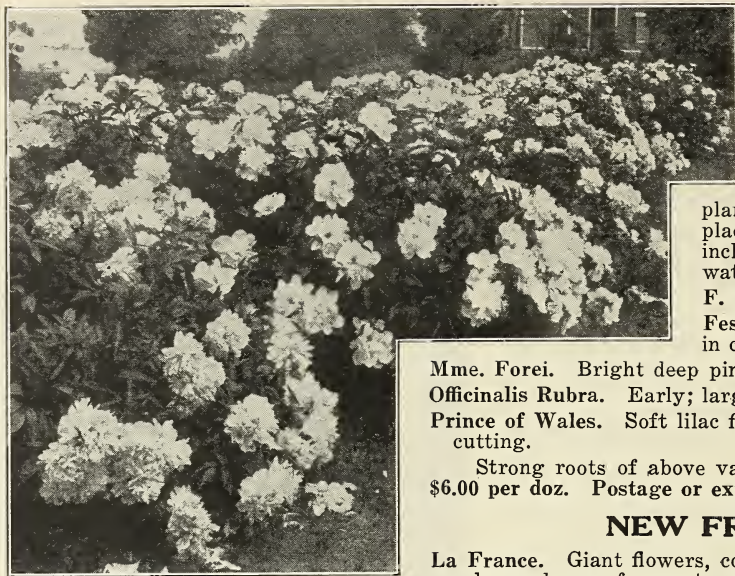
Prince of Wales. Soft lilac flowers on strong growing plants. Fine for cutting.

Strong roots of above varieties, 4 to 5 eyes, 2 years old—60c each, \$6.00 per doz. Postage or express prepaid on all Peonies.

NEW FRENCH PEONIES

La France. Giant flowers, compact and very double of a soft rose pink color and very fragrant. A strong, tall, free bloomer. The finest of all the Peonies of its color. Strong roots, \$1.50 each.

La Tendresse. These thick-petaled cream-white, giant flowers are borne profusely on many-branched, strong-growing bushes. Away ahead of any other white Peony. Strong roots, \$1.15 each.



Fragrant Peonies in beds or borders are rivals of the finest roses

Jules Dessertt. This delicate pink flower, blushed and tinted with creamy-yellow, is one of the finest of the imported kinds. Strong roots, \$1.25 each.

MYOSOTIS—Forget-me-not

Well-known, low-growing border plants about 10 inches high, blooming in May and June. Plants, 20c each, \$2.00 per doz. Seed, pkt. 10c.

PLATYCODON—Balloon Flower

Blue bell-like flowers all summer. Grows 2 feet high. Plants, 30c each, \$3.00 per doz.

PHLOX SUBULATA

An early spring flowering phlox, with moss-like, evergreen foliage hidden under a mass of white lilac and bright rose blossoms. Fine for the border or for covering graves. Plants, 25c each, \$2.50 per doz.

HARDY PERENNIAL PHLOX

Our friends who remember the old-fashioned Perennial Phlox would hardly recognize the beautiful varieties grown today as bearing any resemblance to them. The improvement has been truly wonderful. We now have immense trusses of flowers ranging from the purest white to violet. Flowers can be had from June until November. Plant early in the spring or in October. Set about 18 inches apart and keep well watered. Plants, 25c each, \$2.50 per doz., \$20 a hundred.

Albion. Very large flower heads, pure white with a faint red eye.

Bridesmaid. Very much like Albion, but with a large crimson center.

Fantome. Deep lavender flower edged and shaded white. Dwarf growing.

Fraulein G. Von Lassburg. Pure white flowers on immense panicles.

La Mahdi. Deep velvety purple flowers on tall, strong stems.

Mme. Bezanson. The best of the crimsons. It well deserves a place in the garden.

Mrs. Charles Door. Large flower spikes of a beautiful shade of soft lavender.

Miss Lingard. Very early bloomer. Pure white with pale pink eye.

Pantheon. A very choice phlox with large trusses of rose-pink flowers.

Rynstrom. Flowers of a lively carmine-rose. A strong grower and great favorite.

HARDY GARDEN PINKS—Dianthus

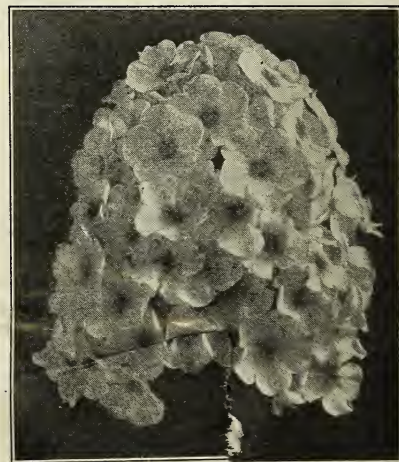
Brilliantly colored flowers borne in the greatest profusion and have a rich clove scent. Popular as edging plants or for rockeries. Very fine as cut-flowers. Grow 1 foot high, bloom in May and June. Plants, 25c each, \$2.50 doz.

Deltoides. Maiden Pink. Red and crimson, blooms in May and June. Height 6 inches.

Diadem Pink, Double. Edged and marked with contrasting shades. Seeds only, pk. 10c, 1/8 oz. 35c.

Delicata. Soft, delicate rose-pink.

Her Majesty. Large, pure white, the best of its color.



Hardy Phlox—Albion

HARDY POPPIES

Oriental. (See cut.) One of the most brilliant plants of the hardy garden, making a gorgeous display of rich scarlet blooms 7 and 8 inches in diameter in June and July on flower stems 3 feet high. Nothing equals them during their period of bloom and whether planted singly or in masses their large flowers and freedom of bloom make them conspicuous in any position. Plants, 30c each, \$3.00 per doz. Seed, pkt. 10c, $\frac{1}{8}$ oz. 30c.

Deep Crimson of above. Seed, pkt. 10c.

Perry's White. Pure satiny white, crimson blotch at base of each petal. Seed, pkt. 20c.

Iceland. Plants form tufts of bluish green, fern-like foliage, with slender flower-stalks rising about a foot high and bearing quantities of elegant cup-shaped flowers from early June to October. Plants, Separate Colors, White and Yellow, 30c each, \$3.00 per doz. All Colors Mixed, pkt. 10c, $\frac{1}{8}$ oz. 25c.

HARDY PRIMROSE—Primula

Auricula. Large yellow, brown and red flowers. Mixed colors, pkt. 10c.

Elatior. Oxslip. Large, pale yellow flowers. Seed, pkt. 10c.

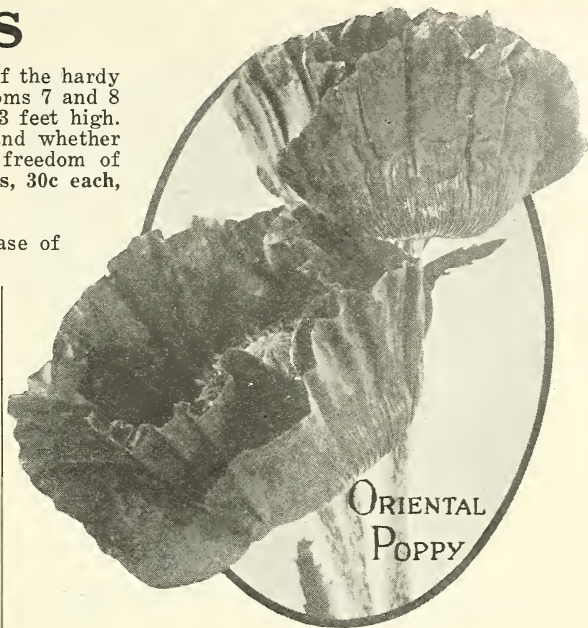
Vulgaris. English Primrose. An old favorite bright canary-yellow, fragrant, early spring flower. Height 8 to 10 inches. Plants, 25c each, \$2.50 per doz. Seed, pkt. 10c.

PYRETHRUMS

This grand old-fashioned flower is easy to grow in any good garden soil where it will get full sunlight. We wish we had room on this page to show you a picture of the different Pyrethreums and give you an idea of how beautiful they really are. Some are like Daisies in shape, others have double crest-like centers like the Crested Cosmos shown on page 26, but with a rim of many narrow petals. Their colors are beautiful and they bloom in June and throughout the season. Very strong plants, 30c each, \$3.00 per dozen. Seed packet, all colors mixed, 10c.

STOKESIA—Cornflower Aster

Handsome, lavender-blue flowers, 4 to 5 inches in diameter, borne profusely from June until frost. Very hardy and easily grown. Height, 18 inches. Blue. Plants, 30c each, \$3.00 per doz. Blue and White Mixture. Seed, pkt. 10c.



SHASTA DAISY

Pure white flowers with bright yellow centers, borne on long, stiff stems from June to September. Height 1 to 2 feet. Plants, 30c each, \$3.00 per doz. Seed, 10c.

RUDBECKIA—Coneflower

Golden Glow. Double, deep yellow flowers on long stems. Blooms July to September. Plants, 30c.

Giant Purple Coneflower. Large, purple flowers with a remarkable cone-shaped center of brown. Blooms July to October. Plants, 30c each. Seed, pkt. 10c.

SCABIOSA—Cushion Flower

Soft shaded lilac-blue flowers from June to August, on plants 2 feet high. Plants, 30c each, \$3.00 per doz. Seed, pkt. 10c.

SWEET WILLIAM—Dianthus Barbatus

Holborn Glory. A large-flowered variety with a superb range of color, all showing a clear white eye. Plants, 30c each, \$3.00 per doz. Seed, All Colors, Single Varieties, Mixed, pkt. 10c; All Colors, Double Varieties, Mixed, pkt. 10c.

TRITOMA—Red-Hot-Poker

Rich orange-scarlet flower-spikes, 12 inches long, from August to October, on 4-foot stems, producing a grand effect, either planted singly or in masses. Plants, 30c each, \$3.00 per doz.

VERONICA—Speedwell

A very desirable garden plant, especially valuable for cutting. Long spikes of deep blue flowers from June to August, on plants 2 feet high. Plants, 30c each, \$3.00 per doz.

VIOLA—Tufted Pansy

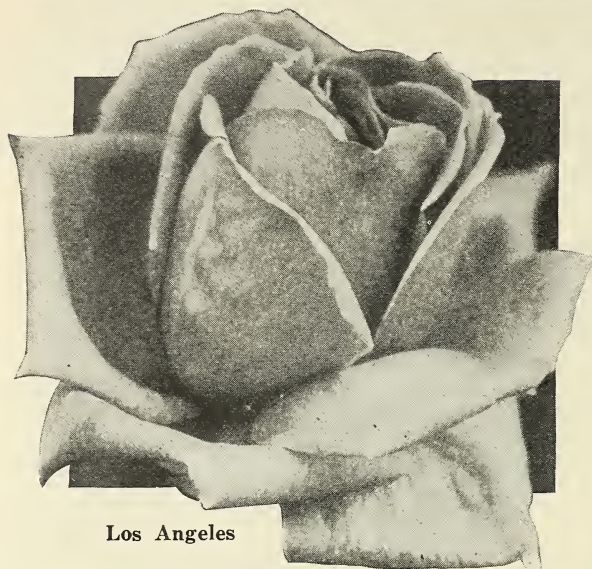
The Pansy-Violet, or Viola, is growing very popular as a bedding plant. Their bright colors and profusion of bloom for nearly eight months in the year make them welcome additions to any garden. Plants, 20c each, \$2.00 per doz. Seed, pkt. 10c, $\frac{1}{8}$ oz. 40c.

WALLFLOWER

An old favorite, deliciously fragrant perennial, bearing yellow and brown flowers early in the spring. Plants, 30c each, \$3.00 per doz. Seed, pkt. 10c.



A Clump of Shasta Daisies



Los Angeles

CHOICE PINK VARIETIES

Los Angeles (see picture). One of the finest Roses ever introduced. A vigorous grower producing flame-pink, long pointed, double flowers, shaded with coral and gold, on long stiff stems the whole summer long. Awarded a Gold Medal at Paris as the best and most desirable variety, 1918. Strong 2 year plants, \$1.50 each, \$15.00 per doz.

Radiance. A vivid deep pink with yellow shadings at the base of the petals. A splendid, robust, strong growing garden Rose.

Jonkheer J. L. Mock. Outside of petals carmine, inside silvery pink, with a silvery rose-white reflex. Flowers produced with the greatest freedom on strong, erect stems. Very fragrant. Has been awarded two gold and one silver medals.

Mme. Caroline Testout. No other Rose flowers more freely in the garden than this grand variety. It is not a new kind but its fragrant, bright satiny rose-colored flowers are favorites in every garden.

Columbia (see picture). This new Rose has proved to be one of the finest of out-door pink Roses. Plant is strong and sturdy and almost thornless; heavy luxuriant foliage. Very free-flowering. Rose-pink flowers, perfect when in bud and when open, very fragrant. Gold Medal American Rose Society for best Garden Rose. Strong 2 year plants. \$1.25 each, \$12.00 per doz. If there is only room for one Rose in your garden, plant a Columbia.

Lady Alice Stanley. A healthy grower, with clean, fine green foliage that bears, in great profusion, warm glowing pink, beautifully shaped flowers admired by everyone.

Mrs. George Shawyer. Clear, bright, rose-colored blooms, with high pointed centers and brilliant glossy foliage. Very free-flowering, doing well in all sections of the country.

Willowmere. This splendid Rose is of a coral red color, suffused with carmine in the bud state, and opens to a large, full, handsome flower of a rich shrimp-pink, shaded yellow in the center and flushed carmine-pink towards the edges of the petals.

Give your Roses plenty of room. Don't plant them closer than three feet apart each way. If you are not sure that you know how to prune them, get a man to do it who knows how.

EVERBLOOMING ROSES

Hybrid Teas that Bloom from June Until Frost

Two-year-old, field grown, strong, dormant bushes. All varieties except Los Angeles and Columbia \$1.00 each, \$10.00 a dozen.

If wanted by mail, add 10c per plant, 60c per dozen.

Larger quantities by express

BEST OF THE RED ROSES

Hoosier Beauty. Large, beautifully formed, long pointed buds; large, full, perfect flowers of a rich, dazzling, crimson scarlet color; deliciously fragrant. The plant is strong growing and hardy. One of the best Hybrid Teas for the garden.

Edith Part. A Rose with a novel and entirely distinct blend of color; a rich red with a suffusion of deep salmon and coppery yellow; very sweet scented.

Red Radiance. This clear cerise-red Rose continues in bloom throughout the most unfavorable hot summer weather when frequently many other varieties fail. It is one of our best everblooming bedding Roses.

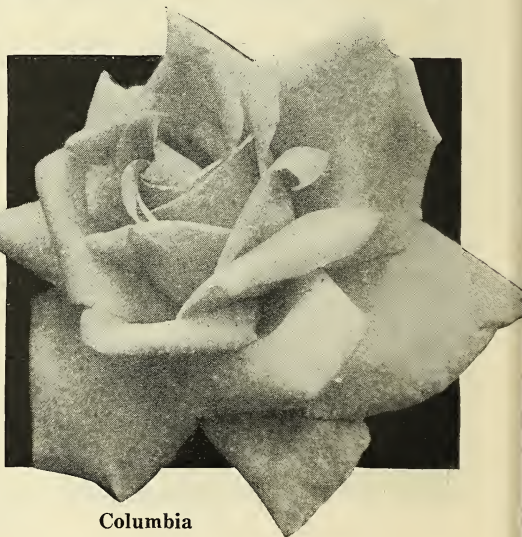
Gruss an Teplitz. Bright scarlet-crimson, fiery red center. Very hardy, strong grower and in bloom all the time. This is a tall grower and should be pruned very lightly. Grown as dense bushes by themselves or in the background of the garden they are splendidly effective.

Laurent Carl. Velvety crimson, very double, sweet-scented flowers borne on long, strong stems.

Edward Mawley. This beautiful, rich crimson Rose has large petals that form high centered, very double, fragrant flowers that are borne in great profusion.

Mrs. A. R. Waddell. A very free-flowering Rose of coppery-red suffused with gold. Medium sized flowers especially handsome when half opened.

Many of our friends take advantage of our invitation to visit our Greenhouses at our Hillside Farm at Fairport and view our Roses in bloom. If you happen through Fairport, come in. We will be glad to see you.



Columbia

EVERBLOOMING ROSES—Continued

YELLOW, COPPER AND SALMON SHADES

Old Gold. A very fragrant, semi-double, reddish-orange apricot shaded flower, particularly beautiful in bud. Flowers profusely throughout the season.

Lady Hillingdon. The finest and most highly colored of all yellow Roses. Very free-blooming, bearing beautiful coppery yellow flowers, from June until late fall. This is a particularly fine Rose. It should be in your garden if it isn't already there.

Betty. The large, fragrant, glowing, coppery rose-colored blooms suffused with gold are of marvelous beauty, particularly in the autumn.

Gorgeous. Amber yellow, veined with reddish copper, a most striking and novel color. Large, full, beautifully shaped flowers on strong, robust bushes.

Mme. Edouard Herriot. The Daily Mail Rose. Winner of Gold Cup offered by the London Daily Mail for Best Rose, 1912. Awarded Gold Medal, National Rose Society of England, 1913. Coral red shaded yellow at the base. A general favorite wherever it is shown.

Ophelia. A Rose much admired by everyone. Its perfectly formed, large, delicate, salmon-flesh flowers

and long-pointed buds are held erect on tall, stiff stems. Very free-flowering and wonderfully fragrant. Strong-growing and free from mildew.

Mrs. Aaron Ward. Deep Indian-yellow at center, shading to primrose at edges of petals. Of splendid form, full and very double. Very free-flowering, strong and vigorous grower.

THREE WHITE ROSES

Frau Karl Druschki. **Snow Queen.** The Best of All White Roses. Pure white, perfect in form, wonderful buds, splendid double flowers, very fragrant. Very free-flowering. Superb in every way. If you like roses you will want this perfect white one. Listed as a Hybrid Perpetual, but will flower from June until late fall.

White Killarney. A pure white sport of Killarney. Strong grower, free-flowering, very fragrant. Large double flowers on long stems.

Kaiserin Augusta Victoria. Soft, pearly white; very double; fragrant, beautifully formed flowers on long, graceful stems.

JUNE BLOOMING ROSES

As popular as the Hybrid Teas, which bloom all summer, but should be used in gardens together with the Ever-bloomers.

Strong 2 year dormant plants, \$1.00 each, \$10.00 per doz.

Anne de Deisbach. Lovely shell-pink.

Clio. Flesh color, center shaded rosy-pink.

General Jacqueminot. Brilliant scarlet crimson.

Mrs. John Laing. Soft pink, very fragrant.

Paul Neyron. Largest bright shining pink.

Ulrich Brunner. Bright cherry red.

HARDY CLIMBING ROSES

Climbing American Beauty. The picture we show here of this wonderful rose climbing over and almost hiding this pergola tells you but a small part of its magnificent beauty. The large double cerise pink, fragrant flowers are borne on single stems in the greatest profusion. Over nine hundred blossoms and buds have been counted on one four-year-old bush. Climbing American Beauty can be grown in bush form, as a pillar rose or trained to trellises and arbors. It will succeed anywhere. This year we offer strong, field-grown plants of this new rose at 75c each, \$7.50 per dozen.

Paul's Scarlet Climber. A new climbing rose with vivid scarlet, semi-double flowers, very freely produced in clusters of from three to six flowers each on many branched canes, the plants being literally covered with flowers from top to bottom. Strong field grown plants, \$1.50 each.

Silver Moon (new). Large, single, fragrant, white flowers with prominent yellow stamens. Strong plants, \$1.00 each.

Aviateur Bleriot. (The New Yellow Rambler.) Clusters of saffron yellow flowers. Strong plants, \$1.00 each.

Dr. W. Van Fleet (new). Long pointed buds of rich flesh pink on stems 18 inches long. Strong plants, \$1.00 each.

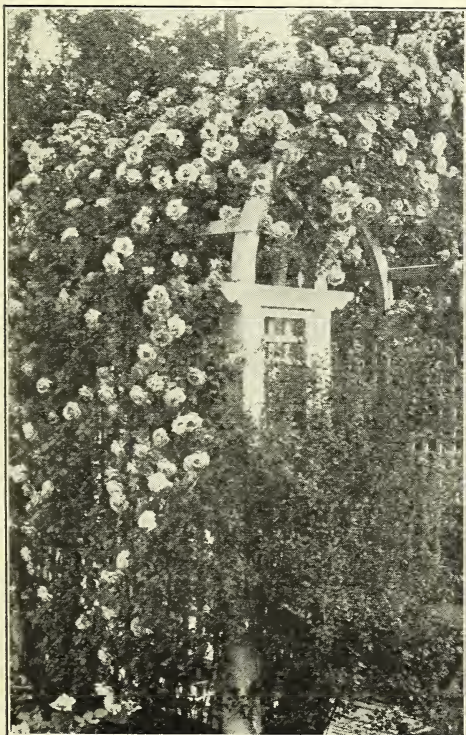
Dorothy Perkins. An old favorite, large clusters of shell-pink, fragrant flowers. Strong plants, \$1.00 each.

Crimson Rambler. Clusters of crimson flowers in great profusion. Strong plants, \$1.00 each.

Tausendschön. (Thousand Beauties.) Clusters of semi-double, fragrant, pink, changing to carmine flowers. Strong plants, \$1.00 each.

Excelsa. Similar to Dorothy Perkins, but with clear scarlet flowers. Strong plants, \$1.00 each.

Flower of Fairfield. Ever-blooming Crimson Rambler. Strong plants, \$1.00 each.



Climbing Rose American Beauty



This is a good looking, simple and inexpensive planting that can be adapted to many homes. It requires very little attention and increases the property value many times the cost of the shrubs. Shrubs numbered (1) are *Deutzia Gracilis*; No. (2) *Japanese Barberry*; No. (3) *Spiraea Van Houtteii*; No. (4) *Deutzia Lemoinei*; No. (5) *Weigela Rosea*.

HARDY SHRUBS

Strong, bushy plants, two to three years old, and from 2 to 4 feet in height. The roots are packed in damp moss when sent out and when an order contains shrubs it is better sent by express. If wanted by mail, add for postage as follows: Single plant, 10c; 3 plants, 20c; more than 3 plants, 15 per cent of shrub order.

Althea, Rose of Sharon. Bushy shrub 6 to 10 feet high, blooming in September and October, when the shrubby border is apt to be bare. Very attractive as a hedge. Colors, Double or Single, Purple, Red, White. 50c each.

Althea, Tree Form. These make splendid trees for the lawn and may be trimmed pyramid, globe or any shape desired. Very fine specimens, \$1.00 each.

Everblooming Butterfly Bush. This shrub bears quantities of long lilac-colored spikes of blooms and forms a good sized bush the first season set out. It gets its name from the numerous butterflies it attracts. This is a good shrub for the border or as a single specimen. Strong plants, 45c each.

Clethra Alnifolia. Called Sweet Pepper Bush, for this handsome little shrub is covered in September with showy wands of sweet-scented white flowers. Makes a splendid show in the garden and grows from 3 to 5 feet high. 60c each.

Berberis Thunbergii (see picture below). Japanese Barberry. Dwarf-growing, bushy shrub with bright green foliage and red berries. Foliage changes to beautiful red in the fall. Used extensively for planting around porches and for hedges. Very hardy and grows well in shade. Specimen Plants, very large, for screen in front of porches or planting with other shrubs. 65c each. Larger quantities, see Hedge Plants, page 46.

Deutzia Crenata. This shrub is adapted to backgrounds of borders, as it grows 6 to 8 feet high and is covered with pure white flowers early in June. Large plants, 55c each.

Deutzia Gracilis. This dense little bush, rarely over 2 feet high, is a mass of white flowers in May and is especially suited for borders of shrubby plantings or as a foundation cover. As shown in the picture above, where it is planted in front of the porch and numbered (1). Plants, 60c each.

Deutzia Lemoinei. Another very dwarf shrub with erect panicles of large snow-white flowers. Can be used with *Deutzia Gracilis*. Blooms in early summer. In the picture above it is numbered (4). Plants, 55c each.

Deutzia, Pride of Rochester. A showy, large flowering shrub that grows 6 to 8 feet high, bearing large, double white flowers on slender drooping branches. Plants, 50c each.

Forsythia, Golden Bell. A handsome shrub whose drooping branches are covered with bright golden-yellow flowers early in the spring, before the snow is entirely gone. Grows 5 to 7 feet high and should be in every shrub planting. Plants, 45c each.

Hydrangea arborescens. Hills of Snow. Pure white flowers in large trusses, beautifully formed. Blooms in July and August. 5 to 6 feet high. 75c each.

Hydrangea paniculata. White flowers in panicles a foot long in August and September. Grows 8 to 10 feet high. 75c each.



Japanese Barberry as a foundation screen

Our Shrubs, Roses and Trees are of the same high quality as our Seeds and Perennial Plants. The best that can be grown.



In contrast to the planting pictured on the opposite page, these shrubs are not massed or banked together, but each is given a separate planting and set well away from each other. It is just a matter of choice, both look well and complete the picture of the house. The shrubs are numbered the same as in the other picture.

Honeysuckle in Bush Form. This is a very good shrub to plant in shaded places with Japanese Barberry. It has beautiful foliage, fragrant flowers and in the fall masses of bright red berries. We grow these in three colors, Red, White and Pink. Strong plant, 50c each.

Lilacs. We do not grow the old, common, small-flowered lilac, it cannot compare with these newer kinds. All three kinds, 90c each.

Ludwig Spaeth. Long trusses of dark purple-red flowers.

President Grevy. Very large and beautiful double blue flowers.

Madame Lemoinei. Double pure white flowers in great clusters.

Snowball. The common variety or Guelder Rose. An old-time favorite having compact balls of white flowers in the spring. Strong plants, 50c each.

Snowball, Japanese. The beautiful foliage and numerous pure white balls of flowers make this a very desirable shrub for the garden. It grows 6 to 8 feet high. Plants, 75c each.

Spireas. These shrubs are among the handsomest and most desirable for the garden. They require very little attention and grow well under all conditions.

Anthony Waterea. A dwarf-growing Spirea bearing crimson flowers early in the summer. 60c each.

Billardi. This tall-growing Spirea bears bright pink flowers during July and August. 60c each.

Prunifolia. The Bridal Wreath Spirea, having shining dark green foliage that turns an orange color in the fall. The graceful, slender, drooping branches are covered early in the summer with double pure white flowers. Very strong plants, 60c each.

Spirea Van Houtteii. This is the most popular, successful and beautiful of all flowering shrubs. Its graceful arching branches covered with bright green foliage are entirely hidden in the early summer with clusters of large, pure white flowers. The group plantings pictured on these pages show Spirea Van Houtteii (No. 3) planted as a background for other shrubs and as single specimens on the lawn. Extra large plants, each 50c; \$5.00 a dozen.

Syringa, Golden-Leaved. This medium-sized shrub with its golden yellow foliage creates a striking contrast when planted among the green and purple-leaved kinds. Plants, 60c each.

Weigela Candida. This vigorous growing shrub bears a profusion of pure white flowers in June and continues to bloom the entire summer. It grows about 4 feet high. 60c each.

Weigela Rosea. As shown in the plantings pictured on these pages under No. 5. This Weigela grows about 6 feet high and harmonizes well with the Spireas. In the early summer it makes an unusual showing of rose-colored flowers, forming a conspicuous part of the planting scheme. Plants, 60c each.

Weigela Variegated. A very desirable shrub that grows about 3 feet high, having handsomely-variegated green and white foliage and charming rose-colored flowers. 60c each.

Weigela Eva Rathke. A continuous bloomer, freely producing gorgeous crimson flowers on a bush that grows about 5 feet high. Plants, 60c each.

CLIMBING VINES

Hop Vine. A most remarkably fast-growing vine that will cover a trellis in a very short time. As a porch climber it is very useful, not only for the screen and shade it gives, but it also keeps flies and mosquitoes away. They will not come near it. This vine bears quantities of long pods that are used for domestic and medicinal purposes. Extra large plants, 50c each, \$5.00 a dozen.

Ampelopsis Veitchii. Boston Ivy. Clings firmly to the side of a house or wall. Hardy, rapid grower. 60c each.

Ampelopsis quinquefolia. American Ivy; Virginia Creeper. A native climber of vigorous growth; green in summer, rich crimson in fall. 40c each.

Clematis Jackmanii. Large, violet-purple flowers, 4 to 6 inches in diameter, produced in great profusion. 75c each.

Clematis Henryi. Large white flowers. 75c each.

Clematis, Mme. Edouard Andre. Large bright crimson flowers. 75c each.

Clematis paniculata. Star-shaped, pure white flowers about an inch in diameter, borne in large clusters. Strong, quick grower and very popular. 50c each.

Dutchman's Pipe. A rapid-growing, hardy climber, bearing brown pipe-shaped flowers and large leaves. \$1.50 each.

Euonymus radicans. Finest of evergreen vines. Rich dark green foliage, remaining all winter. Clings like ivy. Rapidly growing in popularity. 75c each.

Hall's Japanese Honeysuckle. Great numbers of white, very fragrant flowers from July until severe frost; strong, vigorous grower. 40c each.

Wisteria sinensis. Chinese Purple Wisteria. A strong, rapid-growing vine, bearing in May and June long, pendulous clusters of pale blue flowers. 60c each.



ORNAMENTAL TREES AND HEDGING

Birch, Cutleaf Weeping. This tall, slender, vigorous-growing tree with gracefully drooping branches, delicately cut foliage and silver white bark is one of the most handsome varieties for lawn, cemetery and street planting. Trees, 6-8 ft., \$2.50.

Catalpa Bungeii. A lawn and park tree that is quick growing and forms an umbrella-like top without pruning. 6-ft. trees, \$2.50 each.

Catalpa Speciosa. Very quick growing lawn or street tree bearing long panicles of flowers in early summer and long pods in the fall. Trees, 8-10 ft., \$1.25.

Crab, Bechtels' Double Flowering. A low, bushy tree about 20 ft. high, whose branches in early summer are completely hidden by a wealth of large, handsome, double pink, fragrant flowers. \$1.50 each.

Dogwood. These shrub-like, decorative lawn trees, growing from 15 to 20 feet high with glossy green foliage turning deep red in autumn, showy flowers in the early summer and scarlet berries in the fall, are a magnificent sight the entire season. They come in two colors. White (Cornus Florida), \$1.00 each; Pink (Cornus Florida Rubra), \$2.25 each.

Elm, American White. This dignified splendid tree, so suitable for street planting, needs no descriptoin. We are digging a very choice block of Elms this spring. 8-10 ft., \$1.50; 10-12 ft., \$2.25.

Maple, Norway. The most popular shade tree in America. Its handsomely-cut dark green foliage and splendidly-branched head make it ideal for shade. 8-10 ft., \$2.25; 10-12 ft., \$2.75.

Maple, Schwedler's Purple. Like the Norway Maple, but with bright red foliage, changing to purplish-green and later to golden yellow. 8-10 ft., \$3.50.

Maple Silverleaf. The soft maple with its bright green leaves, silvery white on the under side. 8-10 ft., \$1.35; 10-12 ft., \$1.75.

Mulberry, Tea's Weeping. The long, graceful branches come from a center upright stem and weep gracefully to the ground, making an umbrella-like tree that is greatly admired when planted on the lawn. \$2.75 each.

Poplar, Carolina. A tree planted for shade on many streets. Rapid growing, hardy, large, bright green leaves. 8-10 ft., 60c; 10-12 ft., 80c.

Poplar, Lombardy. The tall, narrow-growing poplar used for windbreaks, marking boundry lines or for backgrounds. 8-10 ft., 90c; 10-12 ft., \$1.15.

Thorn, Paul's Double Scarlet. A tall, quick-growing, shrub-like tree whose branches are covered with large, double, rich-glowing crimson flowers in early summer. \$1.50 each.

Double White. Same as above with double white flowers. \$1.50 each.

Willow Babylonian. Best known of the weeping trees. Grows 30 to 40 feet high with long, slender branches sweeping the ground. \$1.25 each.

Always use
"Grozit
Brand" Sheep
Manure. It
will make
your Shrubs
more
beautiful.



California Privet Hedge

HEDGE PLANTS

Barberry, Thunbergii (Japan Barberry). Brilliant green foliage, turning to most glowing colors from autumn to December. Loaded with scarlet-crimson berries after leaves fall. Hardy where Privet is not. One of the best shrubs to plant against the foundations of a house or in front of taller growing shrubs. \$60.00 per 100.

California Privet. Most popular half-evergreen hedge. Remarkably beautiful, glossy, dark green foliage; strong, rapid grower. It transplants easily, grows quickly, making a hedge the first year, and succeeds in almost any soil. The plants should be set about 1 foot apart and cut to 3 or 4 inches above the ground after planting to make the hedge bushy at the bottom. This shrub is ideal when a formal hedge is desired, as it stands shearing to any extent. 18 to 24 inches, \$7.00 per 100; 2 to 3 feet, \$8.00 per 100.

FRUIT TREES

Apples

Prices of 2-year-old, well-rooted trees, 5 to 7 feet high. Extra large size. 85c each, \$8.00 per 10, \$70.00 per 100.

Red Astrachan. (Summer Apple.) Good size, deep crimson. Flesh tender, juicy and rich. Tree very hardy, bears while young.

Yellow Transparent. (Summer Apple.) Clear white, turning yellow. Flesh tender, acid, very good. Bears young, big yielder, very hardy.

Duchess of Oldenburg. (Fall Apple.) Good sized Apple, streaked red and yellow. Fine quality. Young and abundant bearer. Good shipper.

Fameuse. Snow Apple. (Fall.) Fine eating Apple. Deep crimson skin, snow white, tender, juicy flesh.

Baldwin. (Winter.) Large, deep red; crisp and juicy. Keeps well, fine shipper. Most popular market kind.

McIntosh Red. (Winter.) Bright red skin, tender white flesh, splendid flavor. Bears in 3 years.

Delicious. (Winter.) Large, brilliant red; finely grained, crisp, melting, juicy, tender flesh. Highest quality. Splendid keeper and shipper.

Northern Spy. (Winter.) Red striped yellow. Tender, crisp, high quality.

Wealthy. (Fall.) Large Apple with a pale yellow skin blushed and marked with stripes and splashes of red; flesh white, rich, juicy, crisp and tender.

Rhode Island Greening. (Winter.) Of the highest quality, ranks next in popularity to Baldwin.

Dwarf Apples

Fine for the small garden where space is limited. Can be planted 6 to 8 feet apart.

Selected trees, 3 to 4 feet, \$1.75 each.

Best varieties—Baldwin, Duchess, Delicious, McIntosh Red, Yellow Transparent, Red Astrachan, Wealthy.

Standard Pears

Extra large size, 2-year, straight, well-rooted
\$1.35 each, \$12.00 per 10, \$100.00 per 100

Bartlett. General favorite. Large, yellow, buttery, melting.

Clapp's Favorite. Golden yellow with red cheek. Melting, sweet, juicy.

Kieffer. Wonderful bearer. Golden yellow when ripe. Very hardy.

Sheldon. Very large size, greenish-yellow covered with light russet. Very juicy, melting, very tasty flavor. Fine grower, good bearer. Season Oct. and Nov.

Worden-Seckel. Improved Seckel. Yellow with crimson cheek. Used largely for pickling.

Dwarf Pears

Extra large, 2-year, straight, well-rooted
95c each, \$9.00 per 10, \$80.00 per 100

Duchess D'Aujouleme, Bartlett, Seckel, Beurre O'Ajou, Clapp's Favorite, Worden-Seckel, Clairgeau.

Apricots

Best grade selected trees, \$1.15 each, \$10.00 per 10
Superb. The best apricot now offered. Perfectly hardy, has no superior in productiveness. Beautiful yellow with slight blush; flesh firm and solid.

Peaches

Extra large size, 5 feet, well-rooted and branched
60c each, \$5.50 per 10, \$50.00 per 100

Crawford Early. Very large, yellow, rich, sweet. Free stone.

Crawford Late. Very hardy, large, yellow, rich, sweet. Free stone.

Early Elberta. Golden yellow with red blush, 10 days ahead of Elberta; larger, more highly colored, better quality; splendid shipper. Extra hardy, heavy and reliable bearer.

Elberta. Standard market Peach. Fine, large, yellow, free stone.

Rochester. Ripens two weeks before Early Crawford. Beautiful golden yellow and red, solid, highly flavored, juicy and delicious. Sweeter than Crawford.

Hale. One-third larger than Elberta. Deep crimson, smooth, skin without fuzz. Flesh golden yellow, firm, juicy, very delicious flavor. Very fine keeper and shipper. Ripens five days before Elberta and will hang on the tree longer.

Carman. Hardy, rot-proof, oval shaped, yellowish white Peach, ripening latter part of July.

Sweet Cherries

Extra large, 5 to 7 feet, 2-year, well-rooted trees
Each \$1.35, \$13.00 per 10, \$120.00 per 100

Black Tartarian. (Black Oxheart.) Immense crops of large, sweet, juicy black Cherries.

Napoleon. Large, yellow with red blush, juicy, delicious fruit.

Windsor. Large liver-colored Cherry. Remarkably firm and good.

Sour Cherries

Same size and price as Sweets

Early Richmond. Hardy, productive trees bearing dark red juicy fruit.

Montmorency. Large, red, acid Cherry of great value. Most popular Sour Cherry.

English Morello. The very dark red late sour Cherry. Especially good for canning, being tender, juicy, acid and rich.

Plums

Extra large, 5 to 7 feet, 2-year, well-rooted trees
Each, \$1.35, \$13.00 per 10, \$120.00 per 100

German Prune. Large, dark blue, juicy, sweet. Very hardy and productive.

Lombard. Most popular; large, violet red, juicy and good.

Abundance. Juicy, tender, delicious; amber turning bright red.

Burbank. Rich dark red, tender, juicy, rich, sweet. Hardy and productive.

Yellow Egg. Large, golden yellow, sweet and mild.

Quinces

Extra large, 4 feet, 2-year, well-rooted trees
Each, \$1.35, \$13.00 per 10, \$120.00 per 100

Rea's Mammoth. Best of all Quinces. Largest and finest in every way.

Orange. More largely planted than any other kind. Large, bright golden yellow. Cooks very tender and has a fine flavor.

SMALL FRUIT PLANTS

GRAPES

Strong, 2-year vines with good roots

45c each, \$4.00 for 10. By Parcel Post, add 3c per plant

Caco. This splendid new grape is a cross between Concord and Catawba. Its beautiful large, solid wine-red berries are of the most delicious flavor and very rich in sugar. The large, compact bunches are produced in great quantities on healthy, strong-growing vines. Price, each, 75c.

Concord. The best blue-black grape with berries large, sweet and juicy. Bears big crops and is a favorite in the vineyard.

Lucile. A new red variety that is very hardy and a great bearer of sweet, juicy fruit.

Niagara. This well-known white grape grows large bunches of finely-flavored fruit and is a general garden favorite.

CURRENTS

Strong, 2-year plants, 40c each, \$3.50 for 10

By mail, add 3c a plant

Cherry. The standard red currant with large fruit, valuable both for market and garden.

Perfection. This is the best red currant for the garden. It is juicy, tender, sub-acid and of the highest quality. The berries are uniformly large and the clusters long and compact.

White Grape. A delicious currant of mild flavor, excellent quality and wonderful productiveness.

THE BLOWERS BLACKBERRY

This is the giant of all blackberries as well as the hardiest and most productive. They commence to ripen in July and continue to bear for about 2 months. 90c for 10, \$7.00 per 100. If by Parcel Post, add 1c per plant.

GOOSEBERRIES

Plants, 50c each, \$4.00 for 10

Downing. Pale green; fine for cooking and table use.

Josselyn. Red Jacket. Red, large, smooth, hardy, productive.

RED, PURPLE AND BLACK RASPBERRIES

Early June. This earliest of red Raspberries bears quantities of large fruit of the finest quality in June. A good berry in the garden for early fruit. 90c for 10; \$6.00 for 100

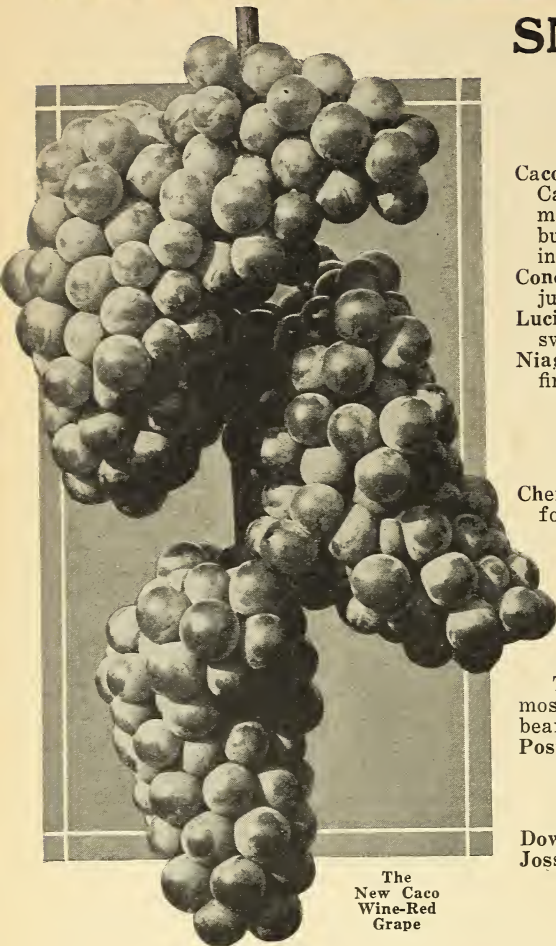
Erskine Park. A new red Raspberry from which fruit may be picked all summer and until late in the fall. The plants, very hardy and productive, bear large, bright red berries, conical in shape and of the highest quality. We recommend this as the best everbearing Raspberry. \$1.50 for 10, \$11.00 per 100.

St. Regis or Ranere. Begins to ripen the middle of June and continues until late fall, bearing firm and full-flavored berries, rich and sugary, until the very last. 80c for 10; \$5.00 per 100.

Cuthbert. One of the old standard red varieties that will give a good crop of large berries, firm, rich flavor, fine quality. More Cuthberts grown than any other kind. 70c for 10; \$4.50 for 100.

Columbian. Very large, dark purple berry of rich flavor. Fine for canning and evaporating and very productive. Strong grower and very hardy. Strong plants, 70c for 10, \$4.50 for 100.

Plum Farmer. Black Raspberry of the largest size, often measuring over an inch in diameter; quality is very fine; a great yielder and brings the highest prices on the market. Strong plants, 70c for 10, \$4.50 for 100.



The
New Caco
Wine-Red
Grape

STRAWBERRIES

Prolific. Originated at the New York State Experimental Station. Plants have a perfect blossom and bear quantities of handsome, bright-scarlet, juicy berries of large size in mid-season and continuing for a long period. Prolific is a fine garden and market variety. It is one of the few kinds receiving honorable mention in the Geneva, N. Y., Experiment Station's list of varieties having marked desirable qualities. We also have Brandywine, Glen Mary, Parson's Beauty, Big Joe and Senator Dunlap. Prices, \$1.00 for 25; \$2.50 per 100, postpaid.

EVERBEARING STRAWBERRIES

Neverfail. The New Everbearing Strawberry. Originated by J. D. Miller, Millersburg, Ohio. This kind leads all other everbearing kinds. The dark red, deliciously-flavored berries hold their size until the last berries ripen. Price, \$2.50 for 25; \$7.50 per 100, postpaid.

Superb. A great yielding plant. Berries very large, dark red, fine flavor. \$1.25 for 25; \$3.50 for 100, postpaid.

Progressive. Long, dark red, good quality berries, extra sweet and a good shipper. \$1.25 for 25; \$3.50 for 100, postpaid.

CHARLES H. VICK

HART & VICK

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Mr. Vick is one of America's best known seedsmen. Bring your seed problems to him. He takes a personal interest in the success of your garden.

FERTILIZERS • INSECTICIDES • SPRAYERS

STIM--PLANT

PLANT STIMULANT TABLET

An All-the-Year Fertilizer for Garden and House Plants

Growers of fine flowers, shrubs and vegetables for the best markets and for exhibition, fertilize and stimulate them frequently, a little at a time. An excellent fertilizer for this purpose is Stim-U-plant, an odorless, highly concentrated plant-food, in tablet form. You are able to apply plant-food exactly when and where and as needed.

MAKE YOUR GARDEN A WONDER GARDEN

These tablets increase production, heighten color and improve quality. They are equally good for evergreens and other trees as for a small fern, petunia or other potted plant.

STIM-U-PLANT TABLETS

can be used in tablet form, or dissolved in water at the rate of one tablet to the quart. Complete directions with every package.

Order Stim-U-plant tablets with your seed and plant order. Price, 10 tablets for 15c, 30 for 25c, 100 for 75c, 1,000 for \$3.50.

Agricultural Lime. See page 21.

Bowker's Plant Food. A complete fertilizer for palms, ferns and blooming plants. 4 oz. package, 25c.

Bone Meal. See page 21.

Cattle or Cow Manure, Shredded. For lawn, garden and greenhouse; an excellent fertilizer. 100 lbs. \$3.50, 500 lbs. \$16.50, ton \$55.00.

Clay's Fertilizer (Imported). See page 21.

Nitrate of Soda. Forces rapid growth in all plants. Do not apply until plants are above ground. 1 lb. 20c, 5 lbs. 75c, 25 lbs. \$2.25, 100 lbs. \$6.50, 200 lbs. \$12.00.

Sheep Manure, "Grozit Brand." See page 21.

Tobacco Stems. For covering lawns in winter. Acts as a protector, furnishes ammonia and drives away insects, worms and moles. Bale 50 lbs. \$2.50. Write for prices on larger quantities.

INSECTICIDES

Aphine. Kills plant lice, thrip and red spider. Dilute 1 part to 40 parts of water. Quart \$1.00, gallon \$3.00.

Arsenate of Lead (Powder). For leaf-eating insects; does not burn the foliage. ½ lb. 30c, 1 lb. 50c, 5 lbs. \$2.00, 10 lbs. \$3.20.

Black Leaf 40. Kills sucking insects. Spray your roses and shrubs with this insecticide. 1 oz. 35c, makes 6 gallons of spray; ½ lb. \$1.25, 2 lbs. \$3.75, 10 lbs. \$15.50.

Bordeaux Arsenate of Lead Mixture (Powder). For apples, pears, potatoes, melons and cucumbers also fine for roses, keeping them free of mildew, black spot and insects. 1 lb. 50c, 5 lbs. \$2.25.

Bordeaux Mixture (Paste). For potato blight, apple scab, leaf curl on peaches small fruit plants. 5 oz. to 1 gallon of water. 1 lb. 35c, 5 lbs. \$1.50.

Bordeaux Mixture (Powder). For dusting plants affected with mildew. 1 lb. 40c, 5 lbs. \$1.75.

Bug Death. Used instead of Paris Green for eating insects on potatoes, cucumbers, squash, currant. 1 lb. 20c, 3 lbs. 40c.

Grape Dust. For mould, mildew, rust mites. 5 lbs. 95c.

Helibore. For rose bugs, currant worms, slugs, cabbage worms, etc. ¼ lb. 15c, ½ lb. 25c, 1 lb. 45c, 5 lbs. \$2.00.

Kerosene Emulsion. A summer wash for plant lice, scale and aphids. Pint 40c, quart 65c.

Lime Sulphur Solution. A perfect scale and fungus destroyer, especially for plum and peach trees. Pint 35c, quart 55c, gallon \$1.50.

Lime Sulphur (dry powder). 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.65.

Melrosene Rose Bug Destroyer. For all insects on roses. Will not discolor foliage. Pint \$1.00.

Paris Green. For potato bugs and other leaf-eating insects. ¼ lb. 20c, ½ lb. 35c, 1 lb. 55c, 5 lbs. \$2.50.

Pyrox. A combined insecticide and fungicide for all leaf-eating insects. 1 lb. 40c, 5 lbs. \$1.50, 10 lbs. \$2.50.

Slug Shot. One of the best for destroying insects, especially on cabbage. 1 lb. 20c, 5 lbs. 55c.

Hall's Tobacco Dust. For fumigating and dusting plants affected with aphids; also for melons and squash. 2 lbs. 25c, 100 lbs. \$4.50.

Hall's Nicotine Fumigator. An improved insecticide for fumigating effectively against plant lice and all sucking insects. Lights evenly, burns quickly. No waste. 1 lb. \$1.25; 2½ lbs. \$2.50; 10 lbs. \$8.50.

Tree Tanglefoot. Banding for trees to protect them against caterpillars and crawling insects. 1 lb. 50c, 5 lbs. \$2.40.

Weed Killer. Kills weeds and grass on paths and drives. One gallon makes 40 gallons of treating liquid. 1 quart 70c, 1 gal. \$2.00.

Whale or Fish Oil Soap. A summer wash that prevents spread of scale. 1 lb. 25c, 5 lbs. \$1.00.

SPRAYERS FOR GARDEN AND GREENHOUSE

Auto-Spray No. 1-B. Brass solution tank, 3½ gallons, brass air pump, clog proof nozzle, automatic shut-off (auto pop). Price \$9.50.

Auto-Spray No. 1-D. Same as above with galvanized tank. Price \$6.50.

Auto-Spray No. 22-A. Heavy tin, one-quart tank, single acting atomizer that throws a fine, misty spray. Price 50c.

Auto-Spray No. 25. One quart, double acting pump that throws a steady, fine mist. Used satisfactorily in greenhouses, kitchen gardens and for spraying rose bushes shrubs and poultry houses. Equipped with two-spray caps, one for straight and one for angle spraying.

Auto-Spray 25-A. As above in heavy tin, \$1.00.

Auto-Spray 25-B. As above in tin pump, galv. tank, \$1.25.

Auto-Spray 25-C. As above in tin pump, brass tank, \$1.50.



A Seed Inoculant that Increases Crop Production

Seeds of all legumes—beans, peas, clover, alfalfa, and related crops—will yield far better if inoculated with Farmogerm, and in addition leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops. Gardeners and farmers who have used Farmogerm would not be without it.

FARMOGERM STAYS GOOD INDEFINITELY

Farmogerm keeps for years. Because of the method of sealing the bottle—a patented stopper which admits filtered air and keeps out all impurities—Farmogerm is just as good in five years as when first bottled. Other inoculants get weaker each day—Farmogerm always has its full strength. Just add water and shake the bottle and sprinkle over the seeds as directed. Your crop will benefit beyond your expectations.

FARMOGERM IS ECONOMICAL

No other inoculant on the market is so strong and virile; no other inoculant will thoroughly treat as much seed. The one-acre size bottle of Farmogerm is sufficient for 15 pounds of clover, 20 pounds of alfalfa, 100 pounds of Canada Field Peas, 60 pounds of Vetch, etc. A different bacteria is required for each crop. When ordering, be sure to state what crops you wish to inoculate.

FARMOGERM PRICES REDUCED

New scientific methods of manufacture have given lower prices. You cannot now afford to do without Farmogerm.

A special composite culture is prepared for peas, beans and sweet peas—¼-acre size only. You'll get more peas and beans, and larger sweet peas by using this. Ask for No. 5, price 50 cents.

Farmogerm prices are: 1-acre size, \$1; 3-acre size, \$2.50; 12-acre size, \$9. Full directions accompany each bottle.

We have established an envious reputation for Lawn Grass Seed. Our Highland Park and Shady Nook Mixtures are made of the very best seeds that can be grown. Try them this year.

HART & VICK'S SEEDS

Hart & Vick's
Ruffled Giant
Petunias
See Page 30

Hart & Vick's
Annual Phlox
See page 29

Hart & Vick's
Giant Zinnias
See page 33

Hart & Vick's
Early Giant Cosmos
See page 26

Hart & Vick's
Giant Nasturtiums
See page 29

Hart and Vick's Shasta Daisy "Alaska"
See page 42

Rochester, N. Y.

The Flower City